

FIG. 1

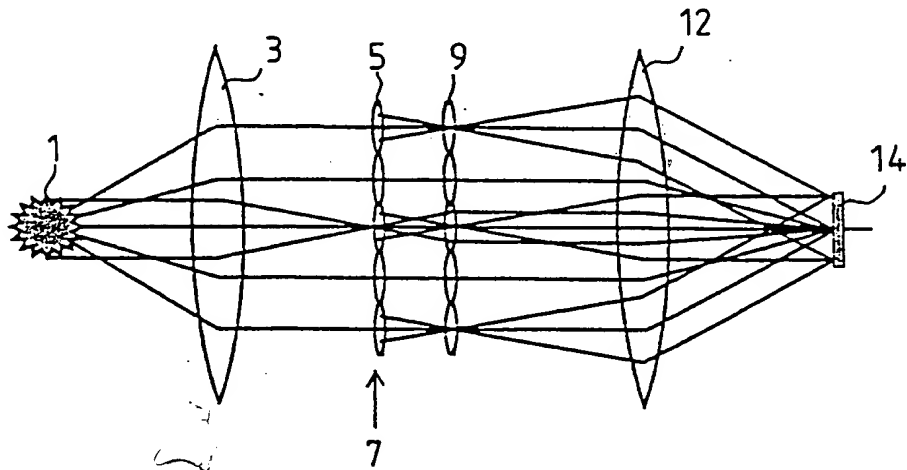


FIG. 2A

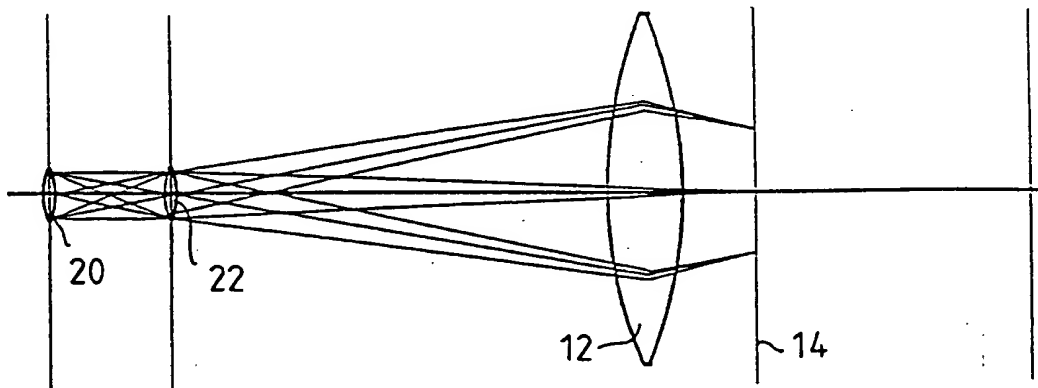
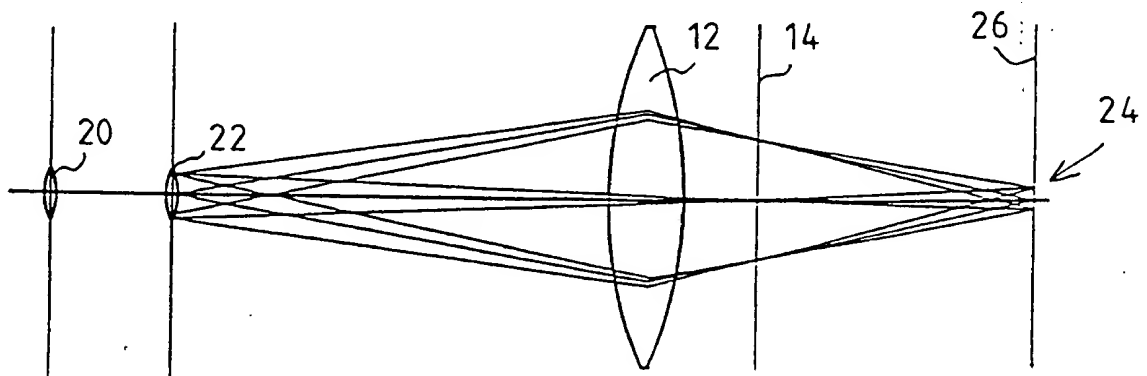
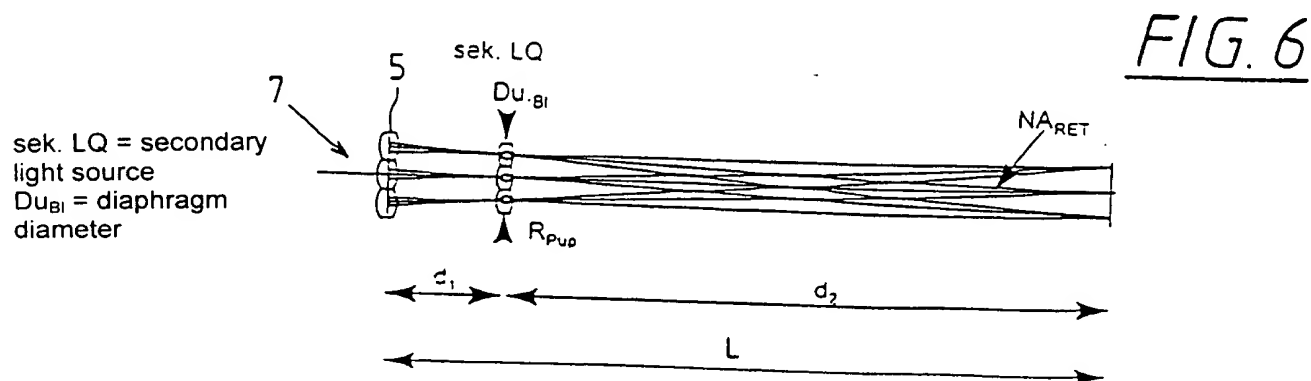
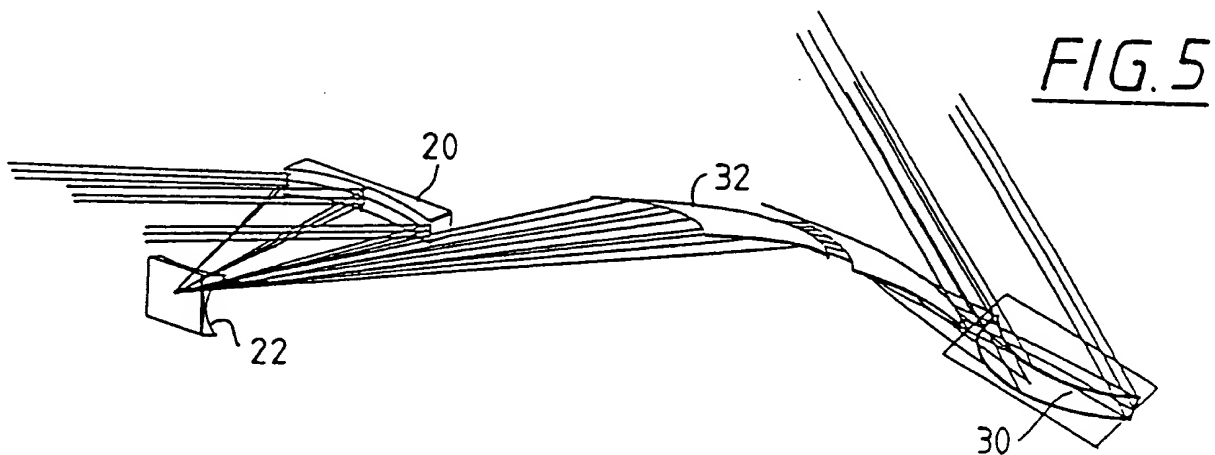
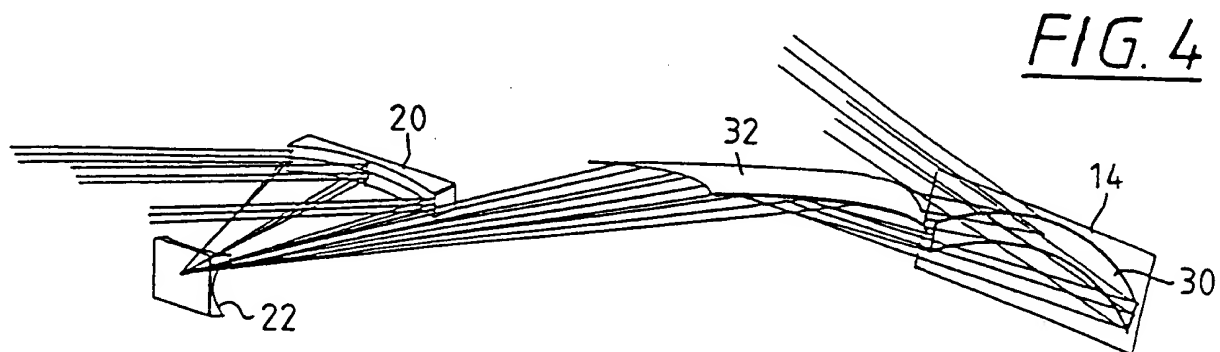
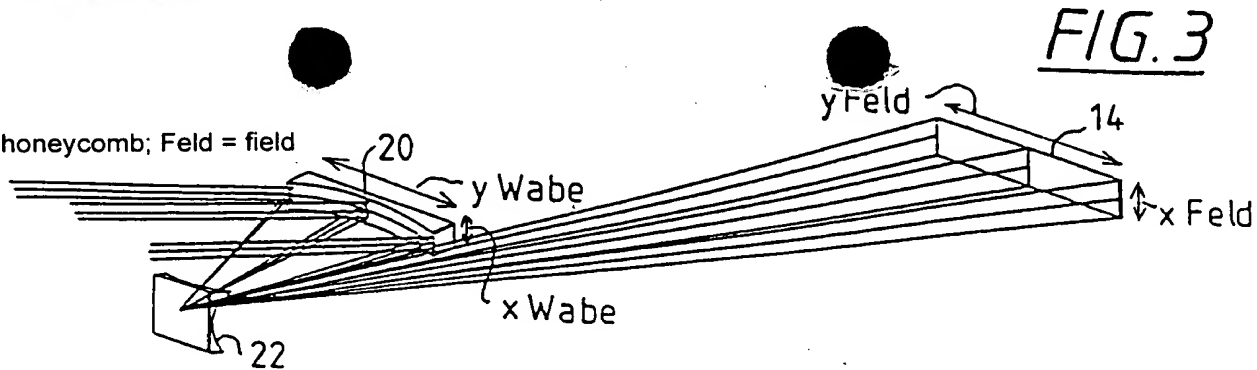


FIG. 2B



69 7

Wabe = honeycomb; Feld = field



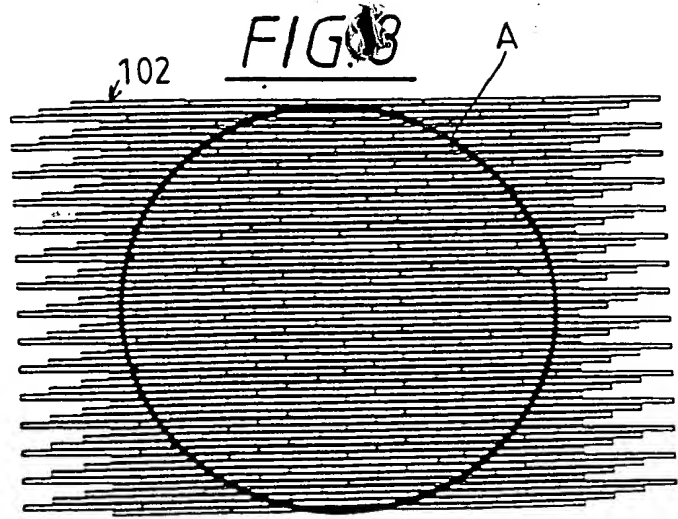
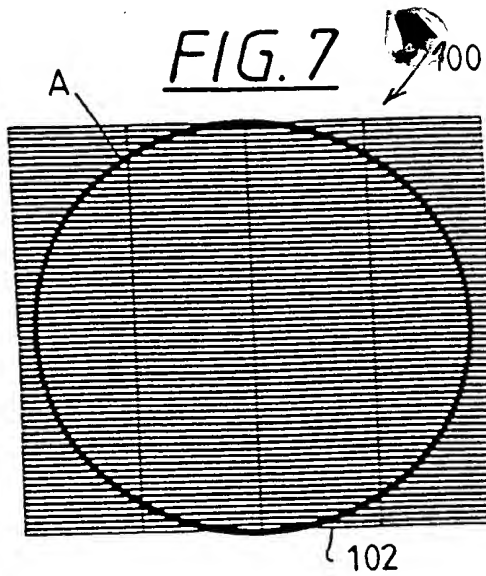


FIG. 9

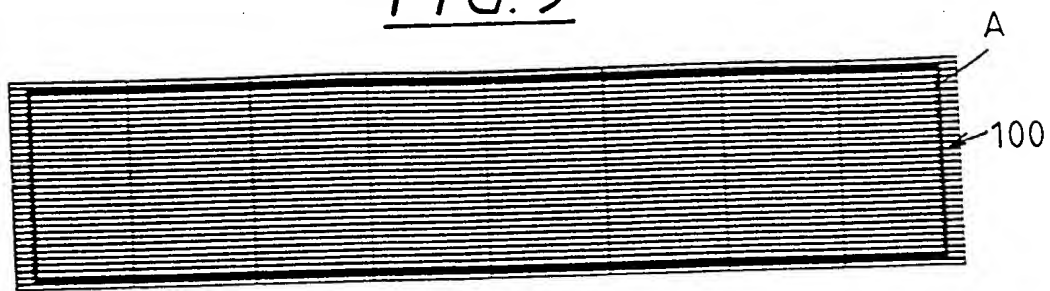


FIG. 10

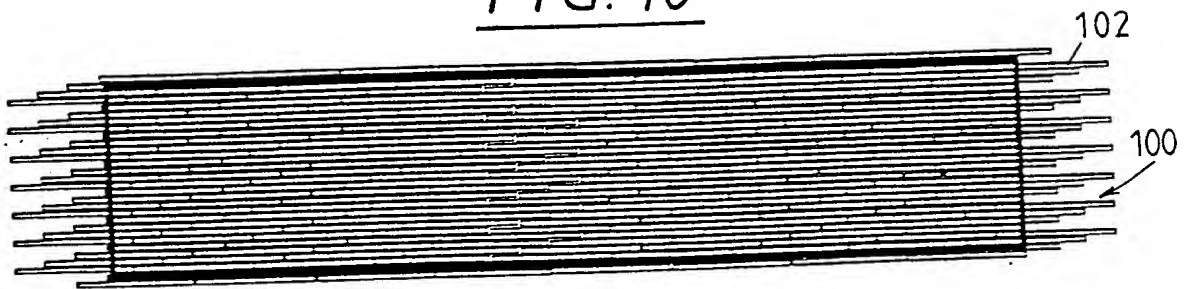


FIG. 11

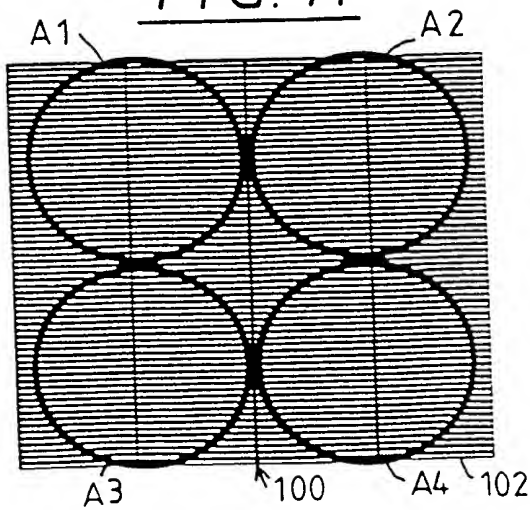


FIG. 12

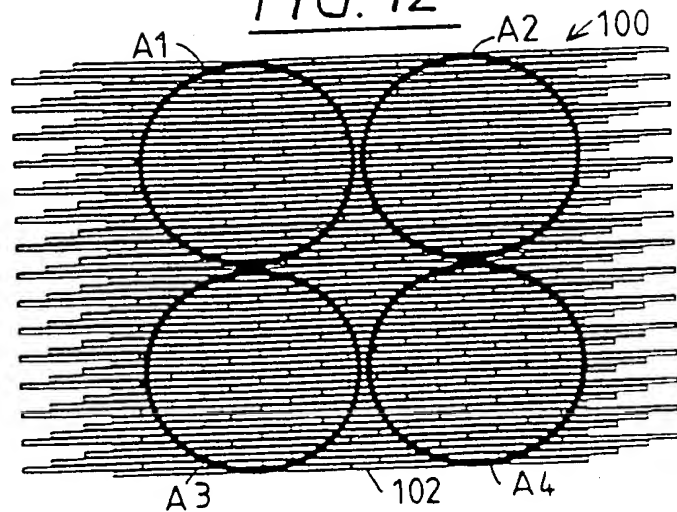


FIG. 13

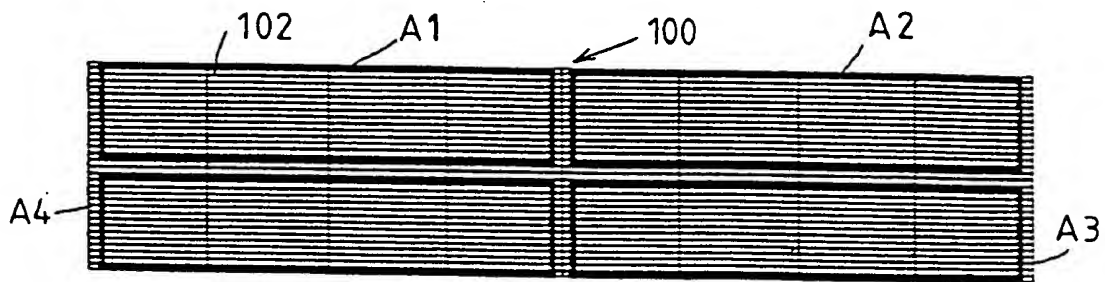


FIG. 14

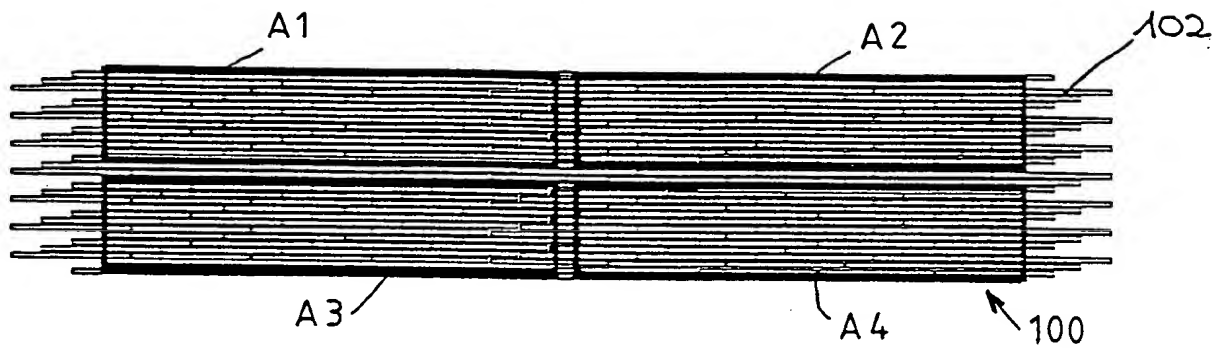


FIG. 15

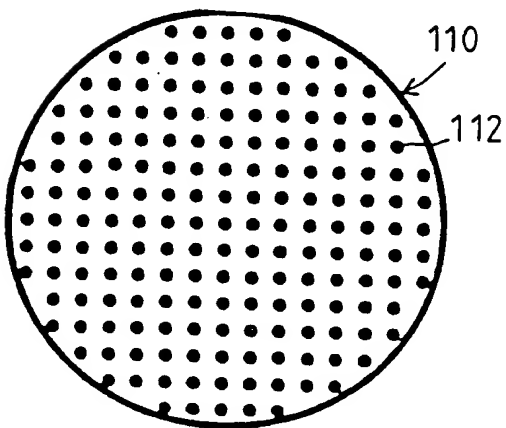
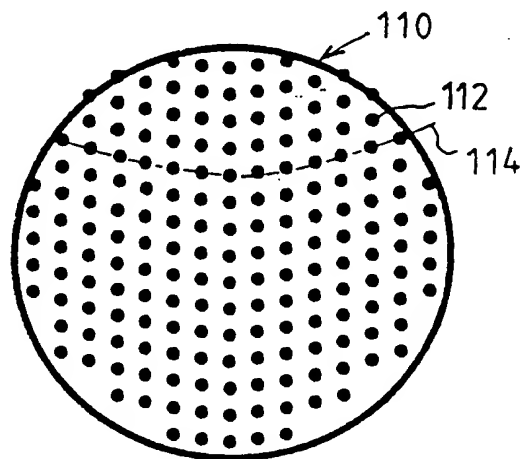


FIG. 16



Feld = field
 Pupille = pupil
 Du = Diameter

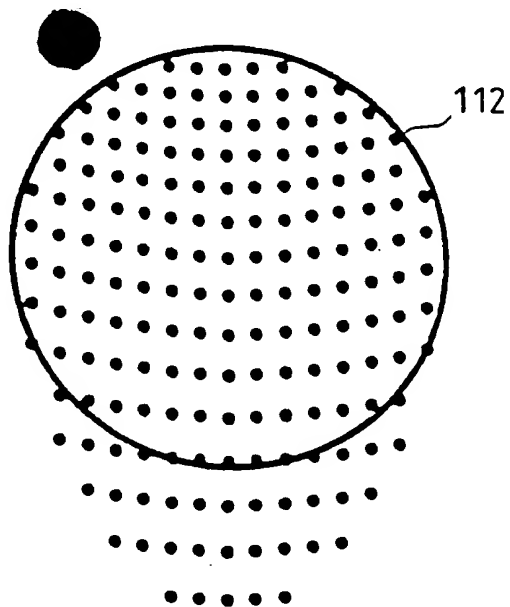


FIG. 17

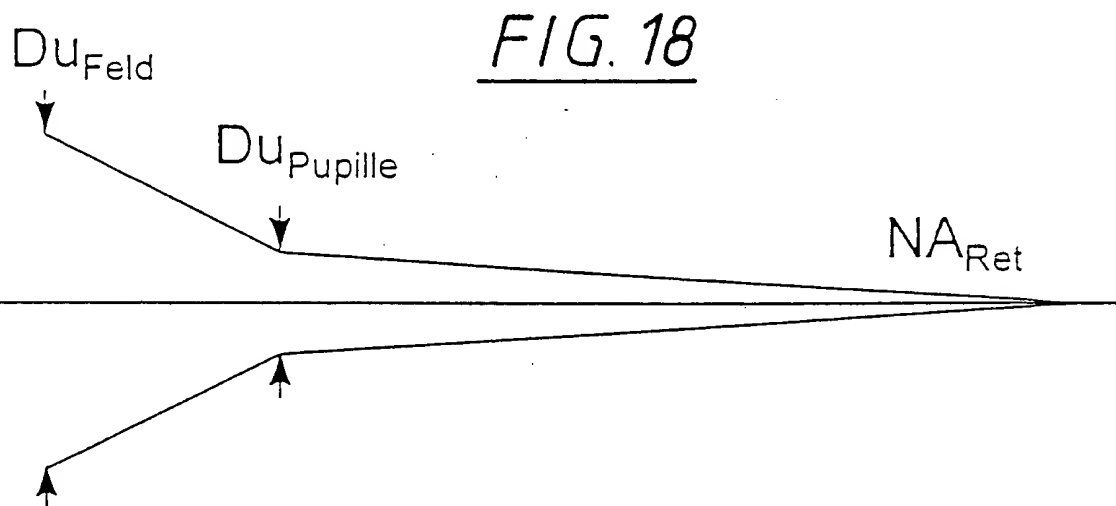


FIG. 18

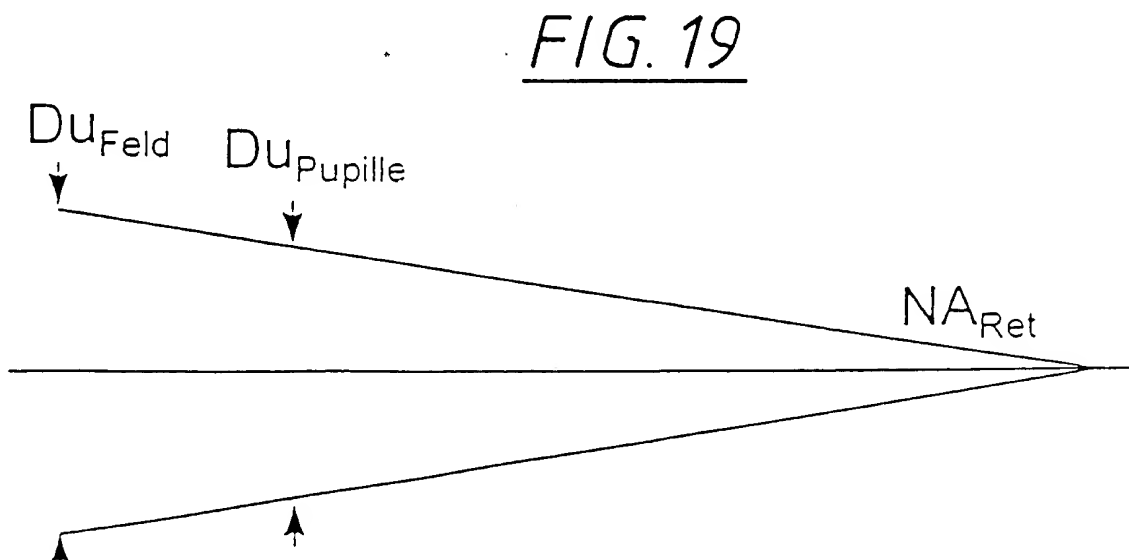


FIG. 19

Feld = field
 Pupille = pupil
 Du = Diameter
 Quelle = source
 kol = collector
 Du_{Bl} = diaphragm
 diameter

FIG. 20

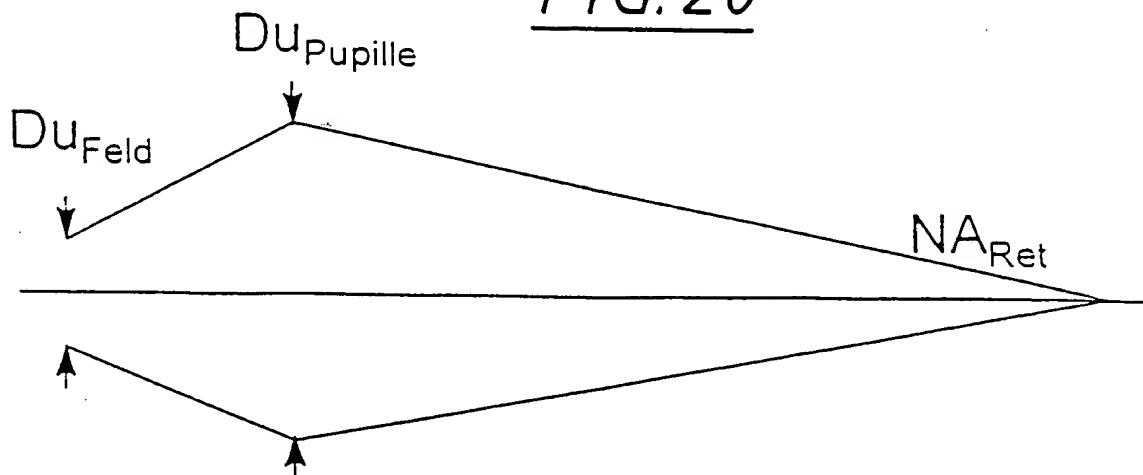


FIG. 21

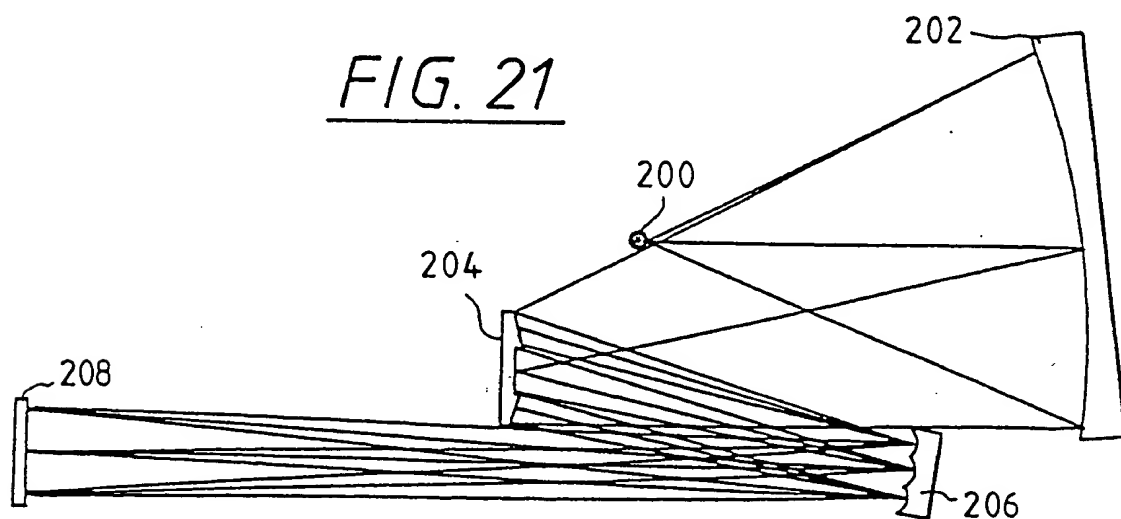


FIG. 22

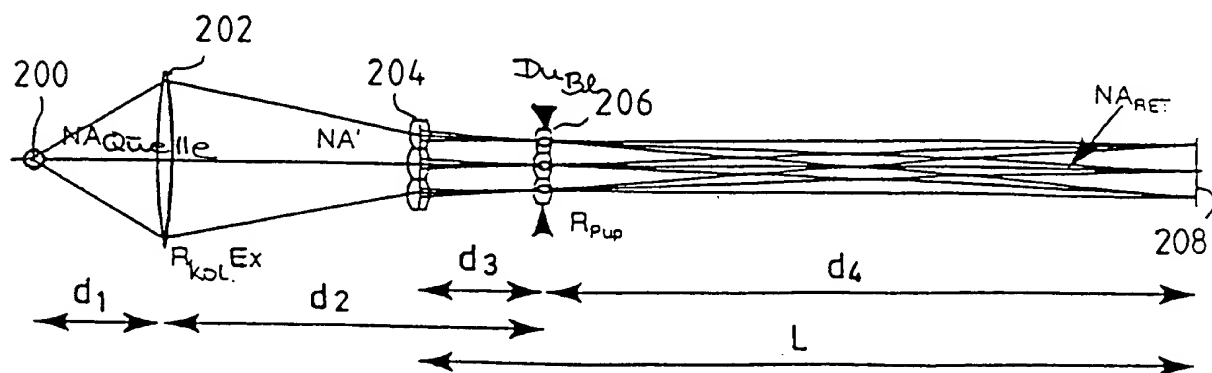


FIG. 23

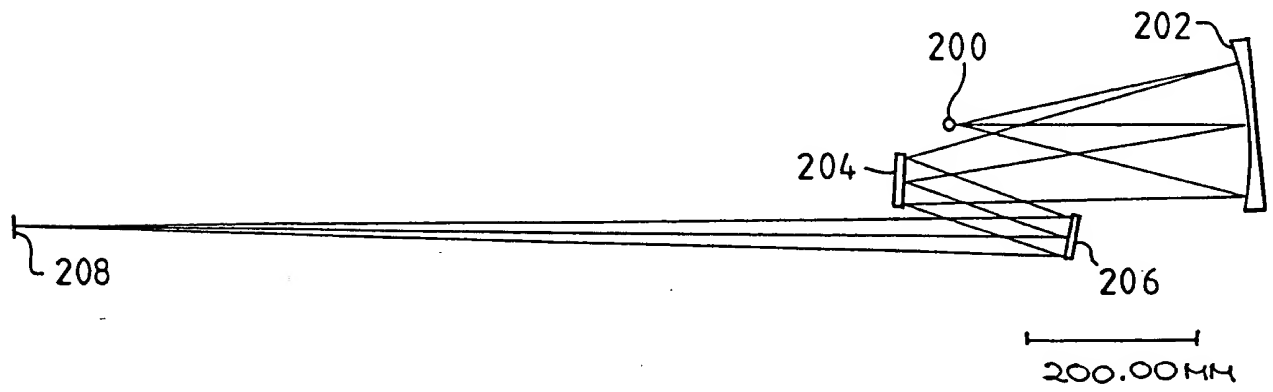


FIG. 24

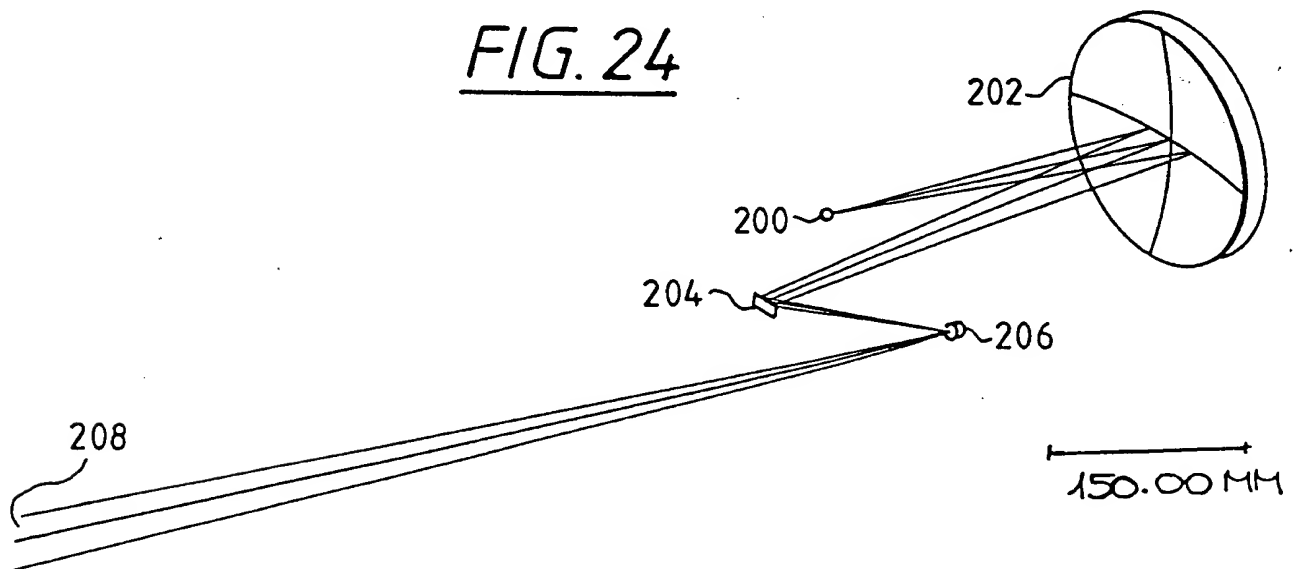


FIG. 25

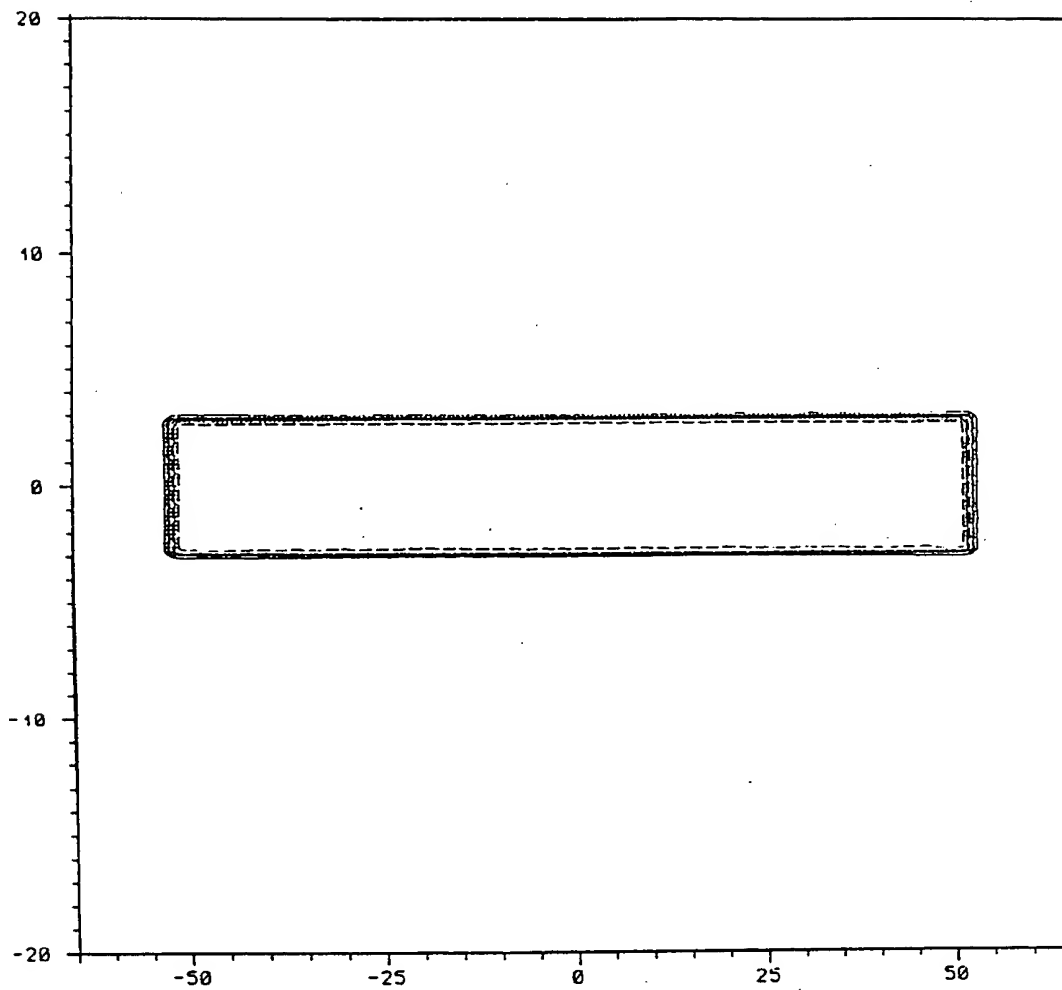


FIG. 26

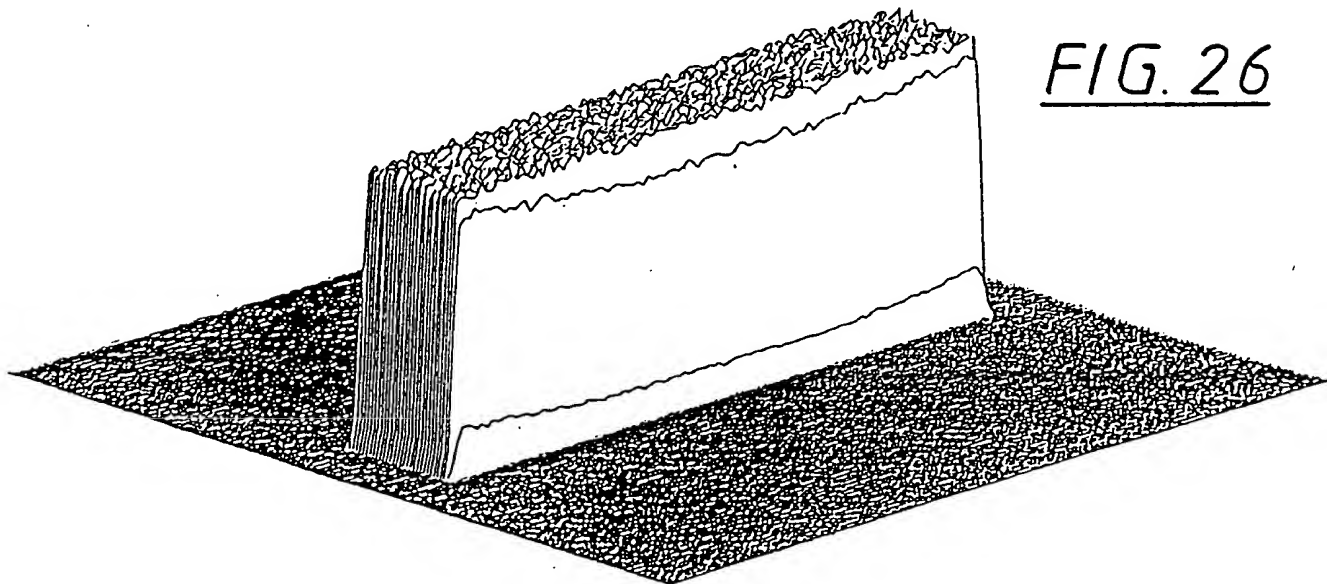


FIG. 27

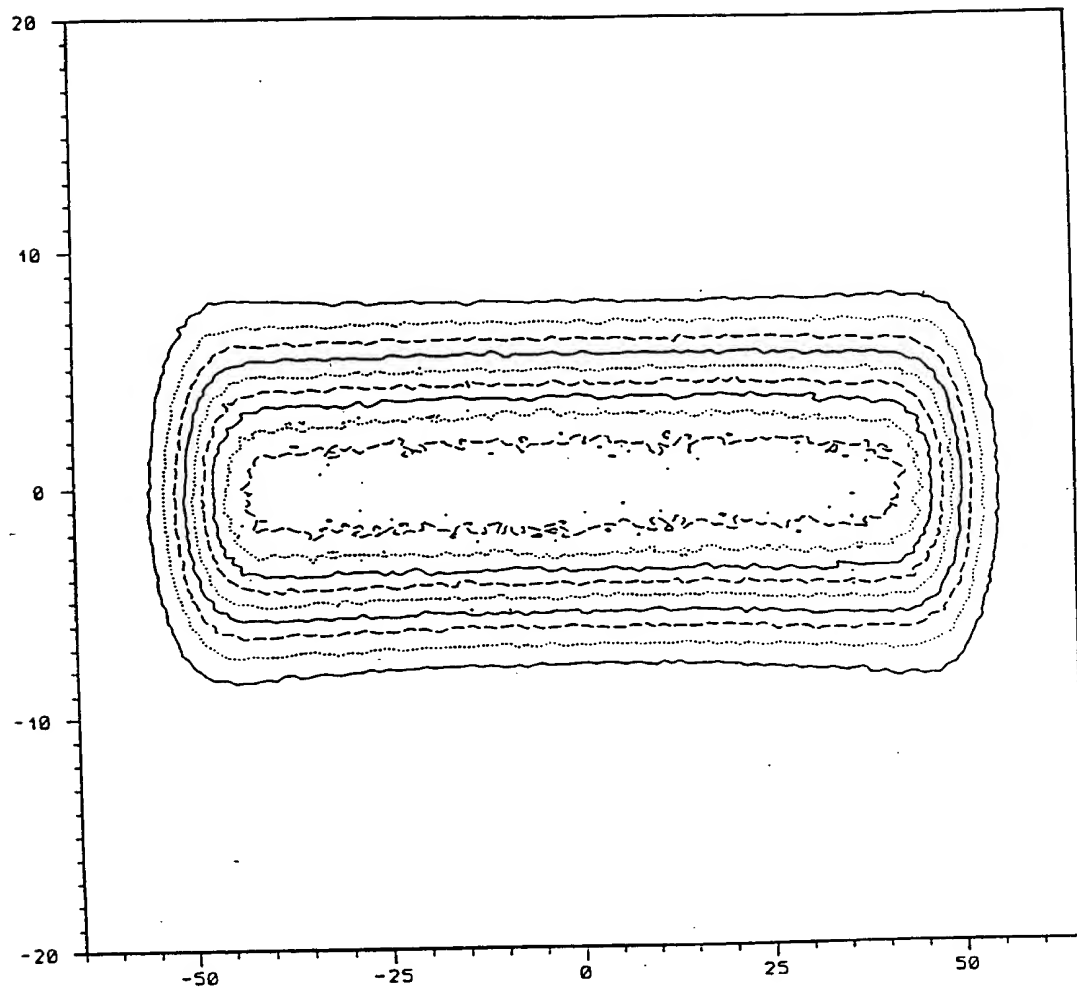
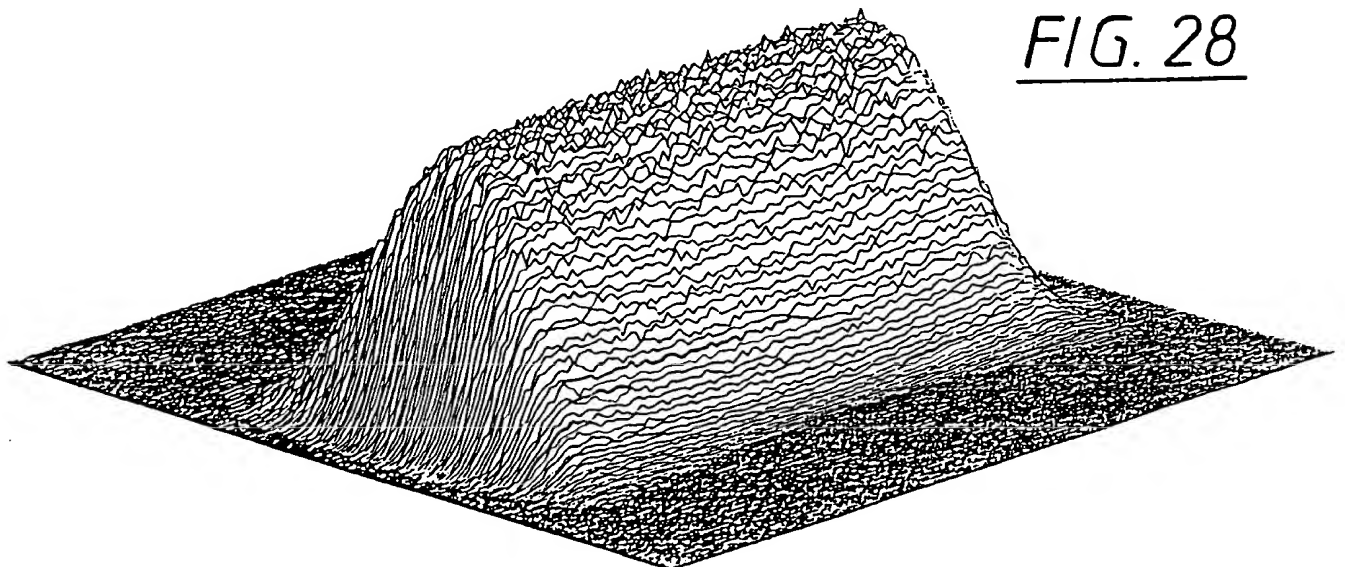
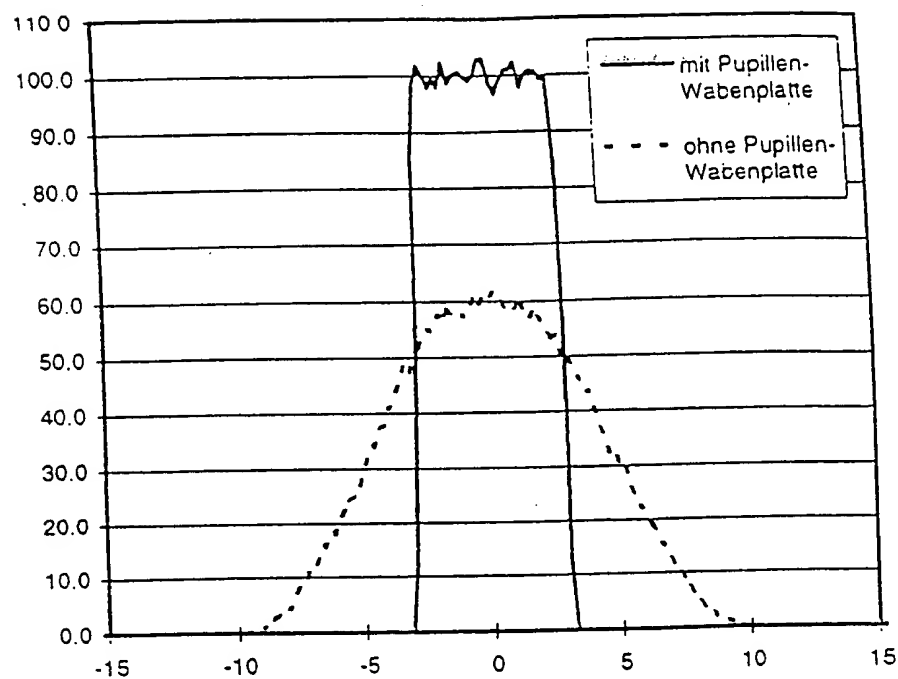


FIG. 28



Intens. [%]

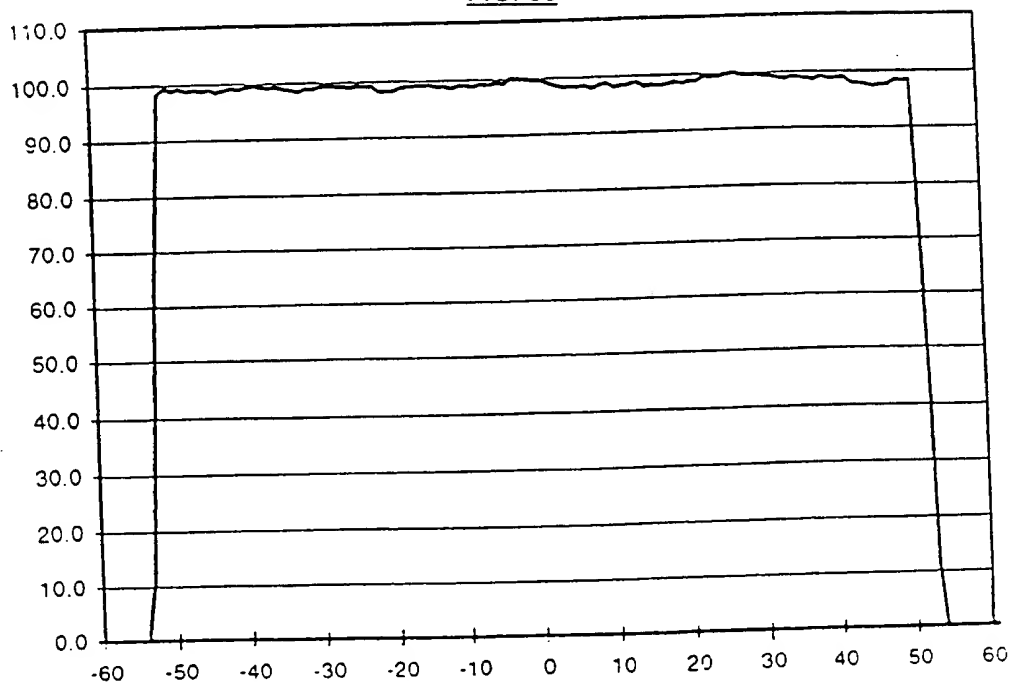
FIG 29



— with pupil
honeycomb plate
--- without pupil
honeycomb plate

x-axis: Y in the reticule plane [nm]

FIG. 30



y-axis: scan energy [%]

x-axis: X in the reticule plane [mm]

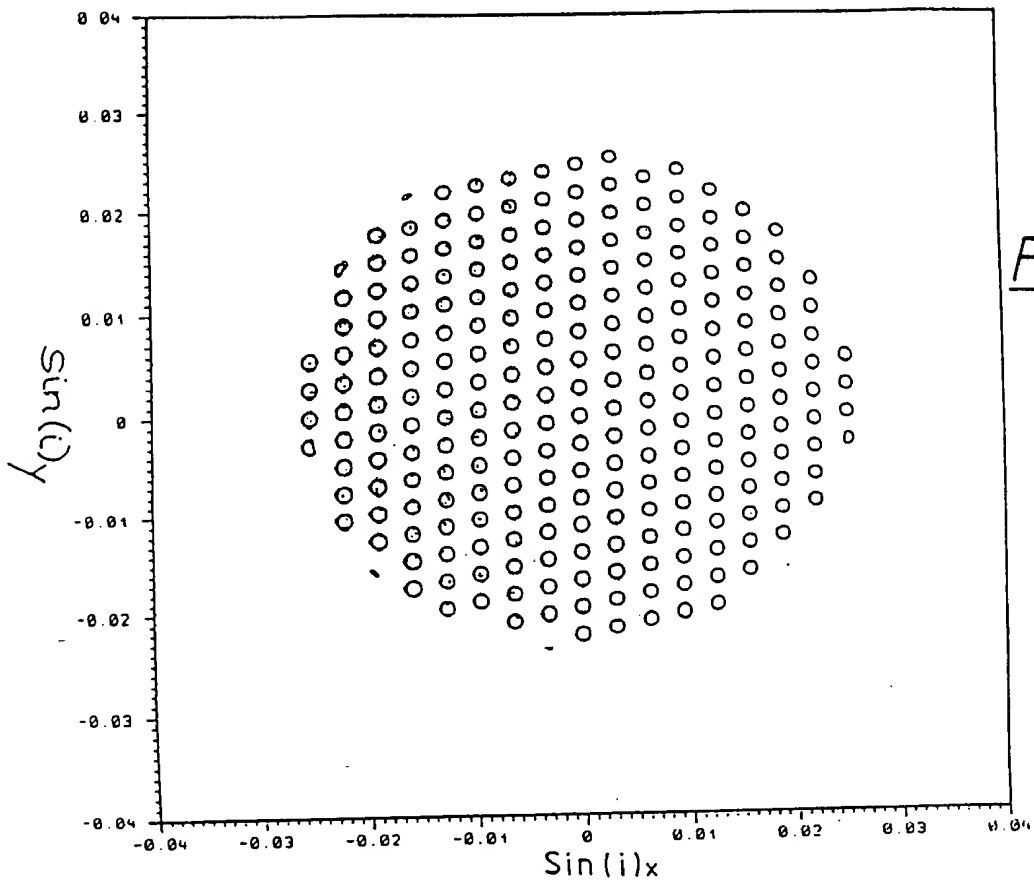


FIG. 31



FIG. 32

y-axis: peak energy [%]
x-axis: number of [illegible]

FIG. 33

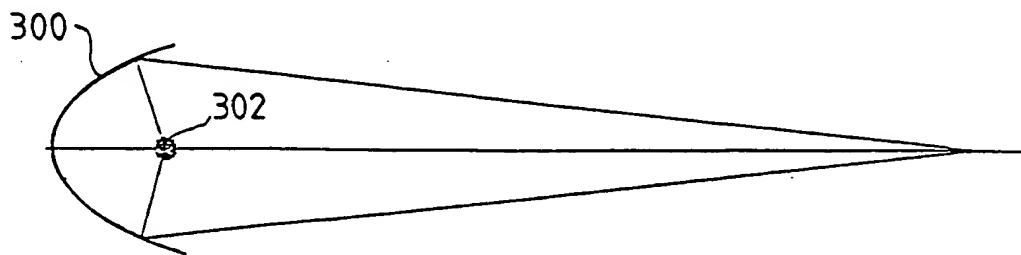


FIG. 34

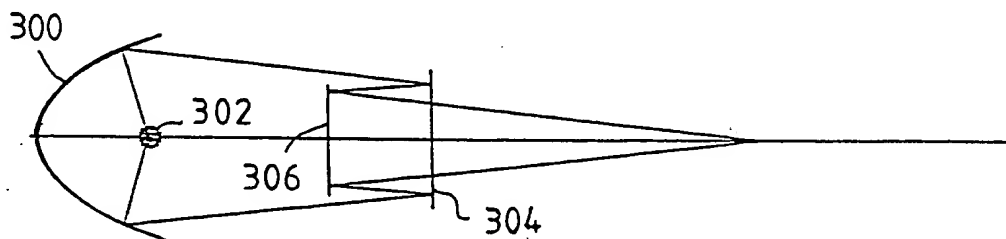


FIG. 35

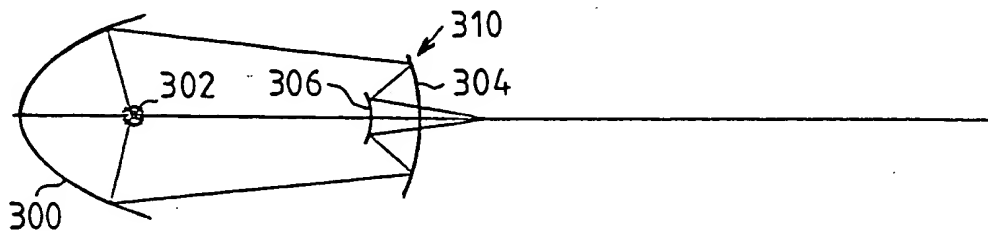


FIG. 36

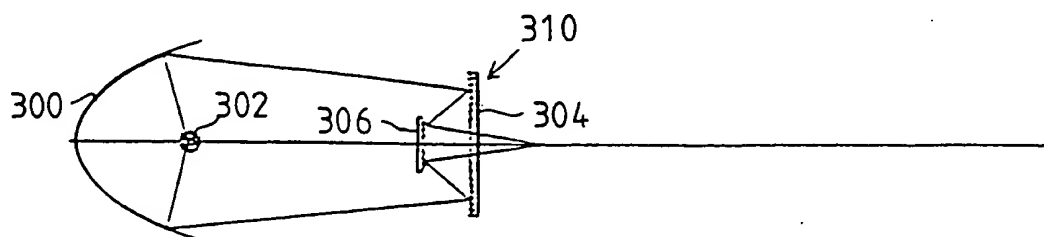


FIG. 37

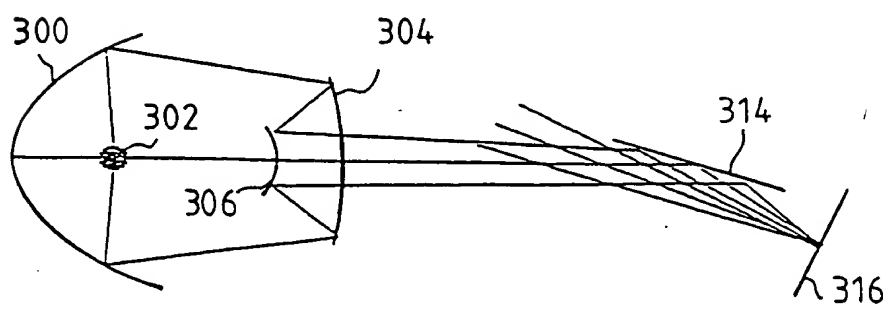


FIG. 38

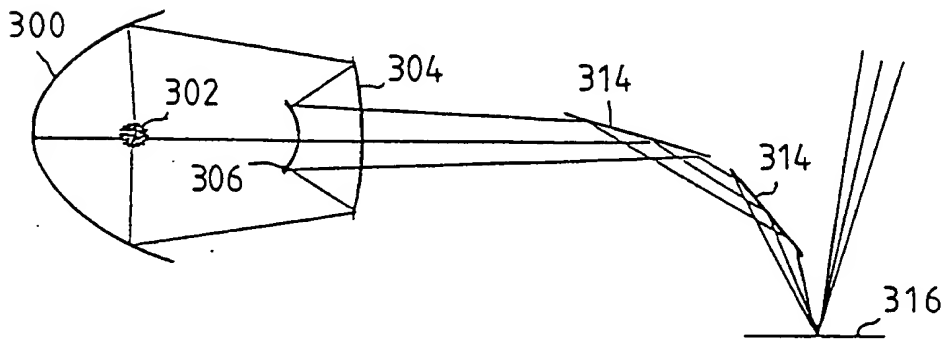
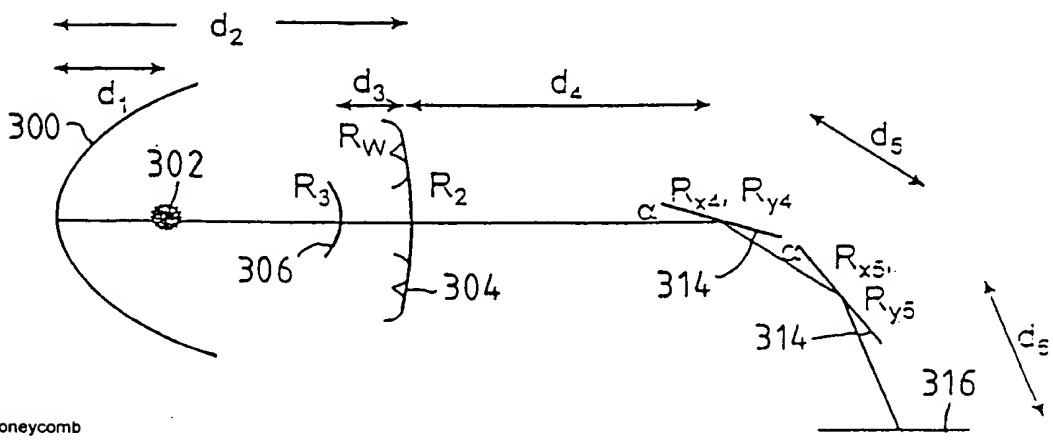


FIG. 39



$R_W = R_{\text{honeycomb}}$

FIG. 40

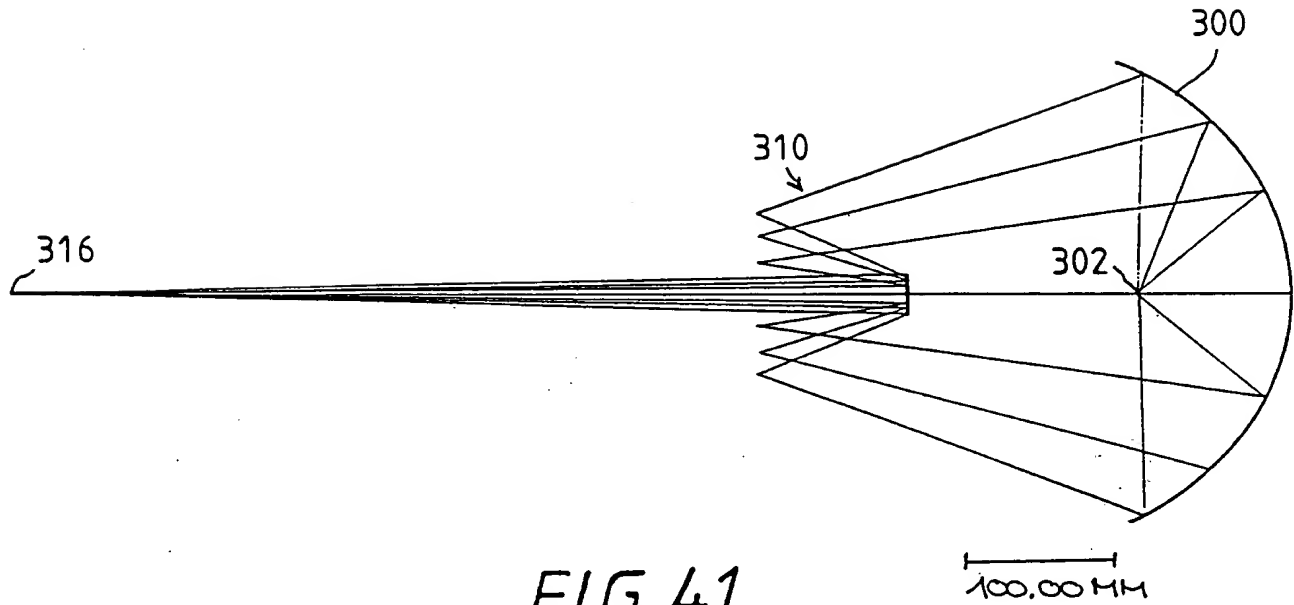


FIG. 41

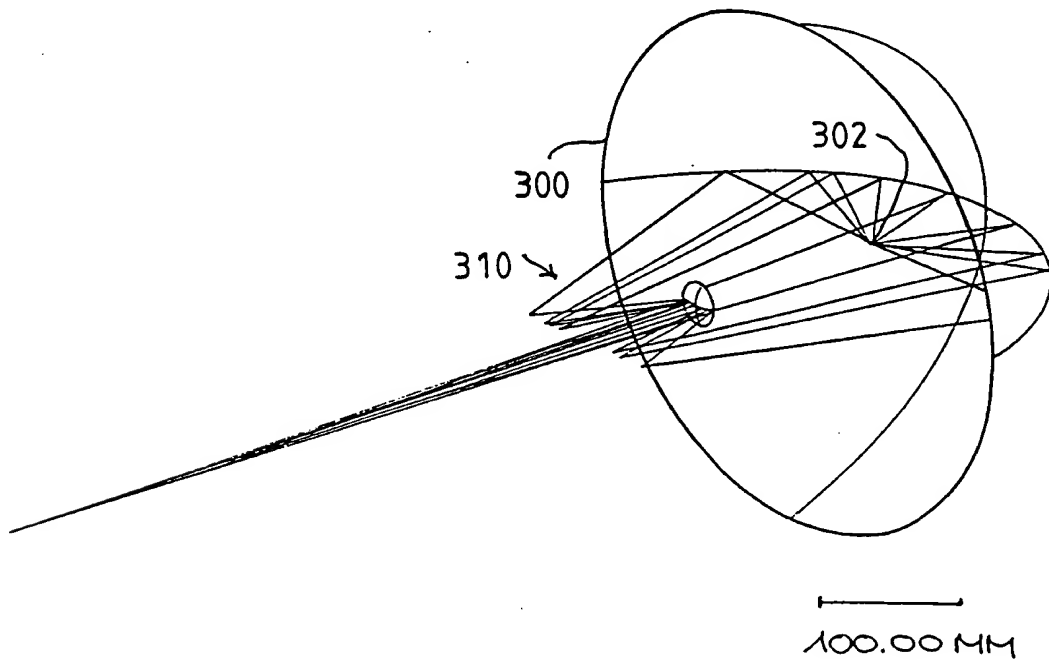


FIG. 42

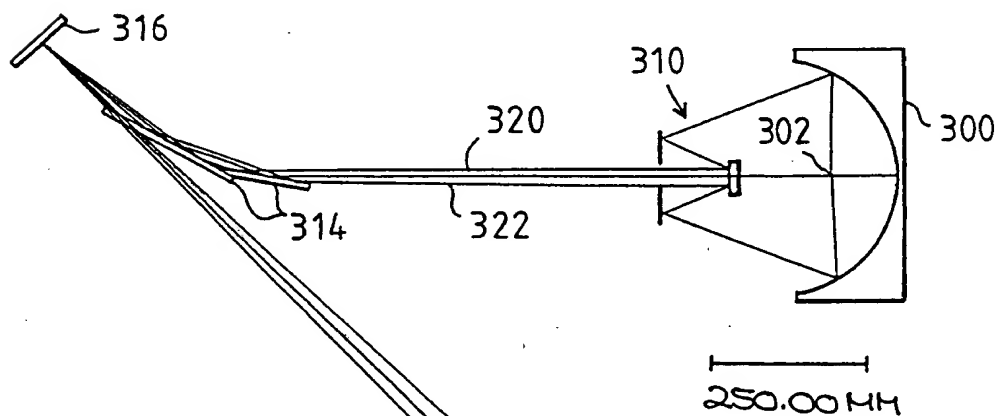
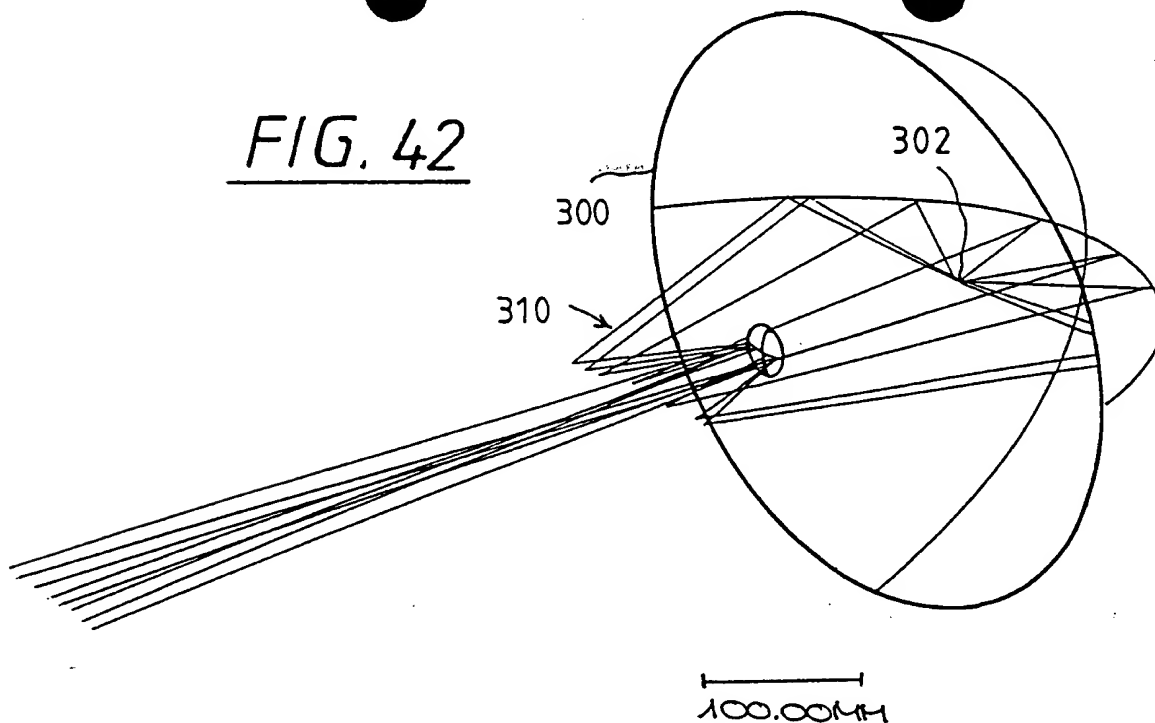


FIG. 43

322 320

318

FIG. 44

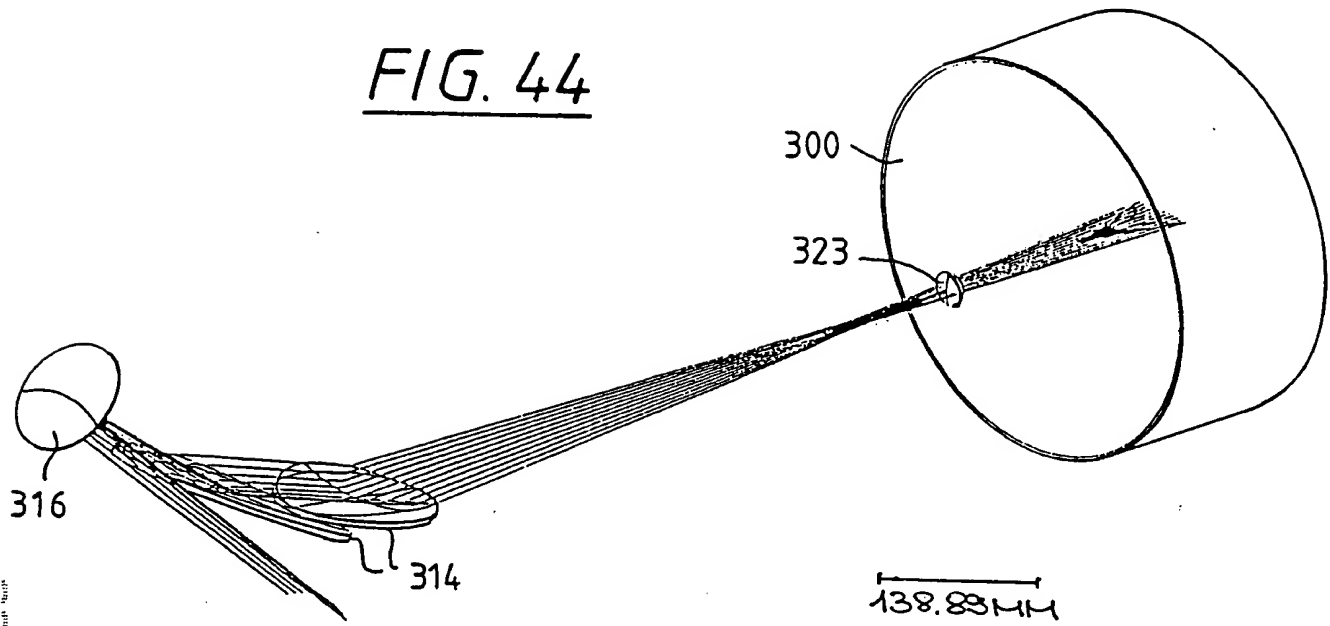


FIG. 45

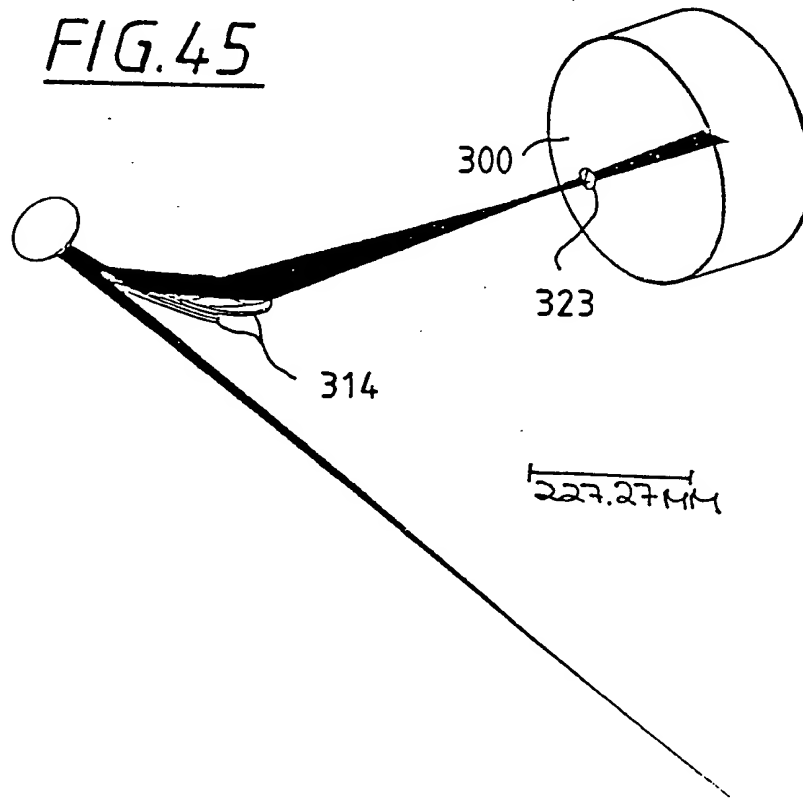


FIG. 46

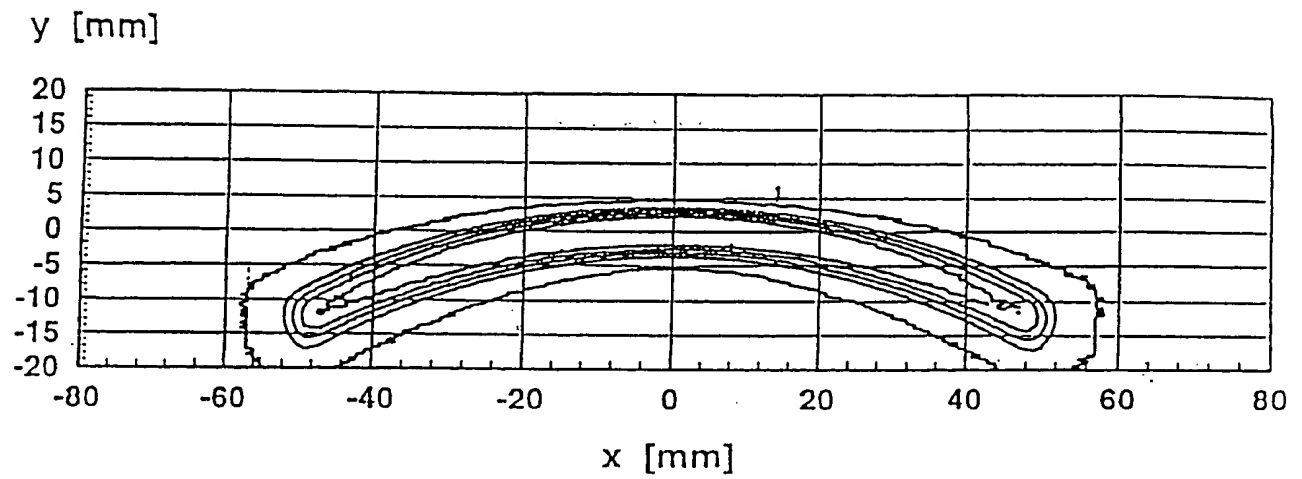
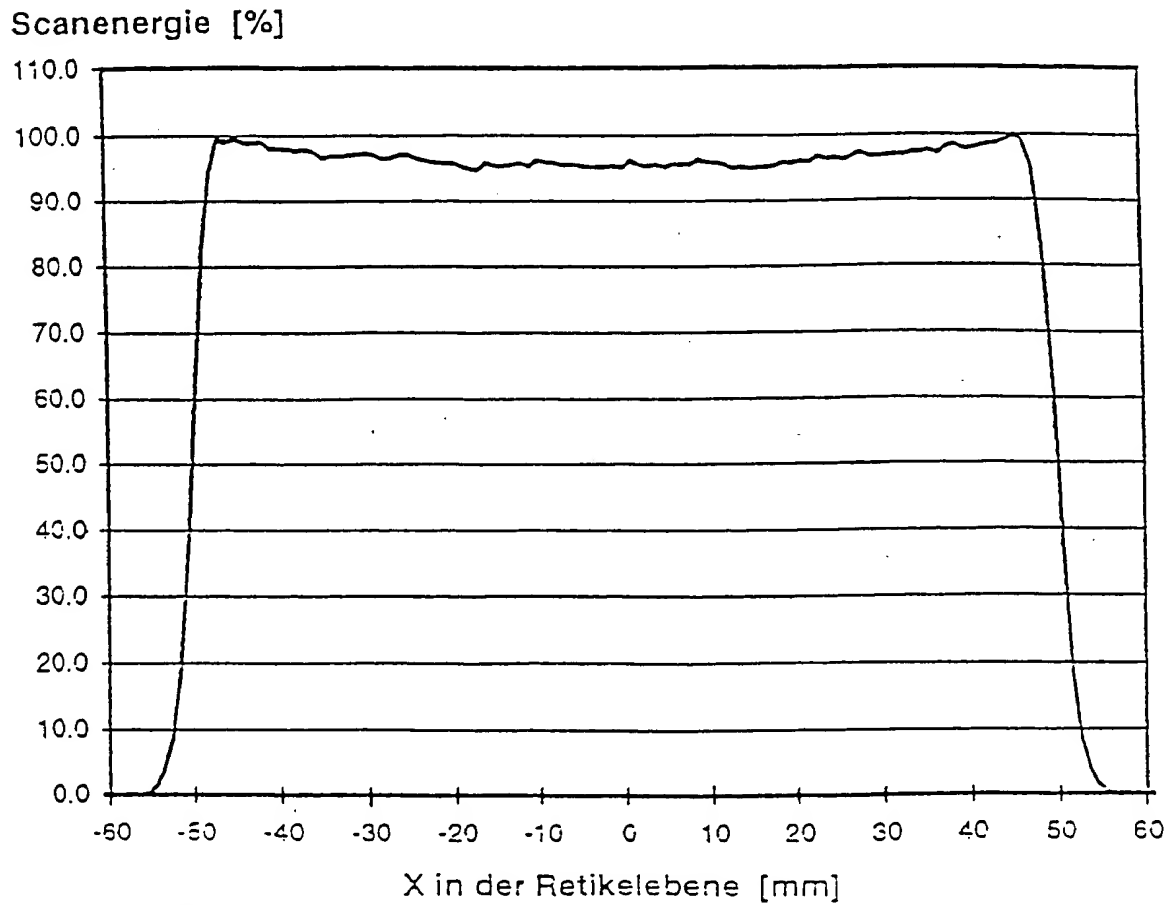


FIG. 47



y-axis: scan energy [%]
x-axis: x in the reticle plane [mm]

FIG. 48

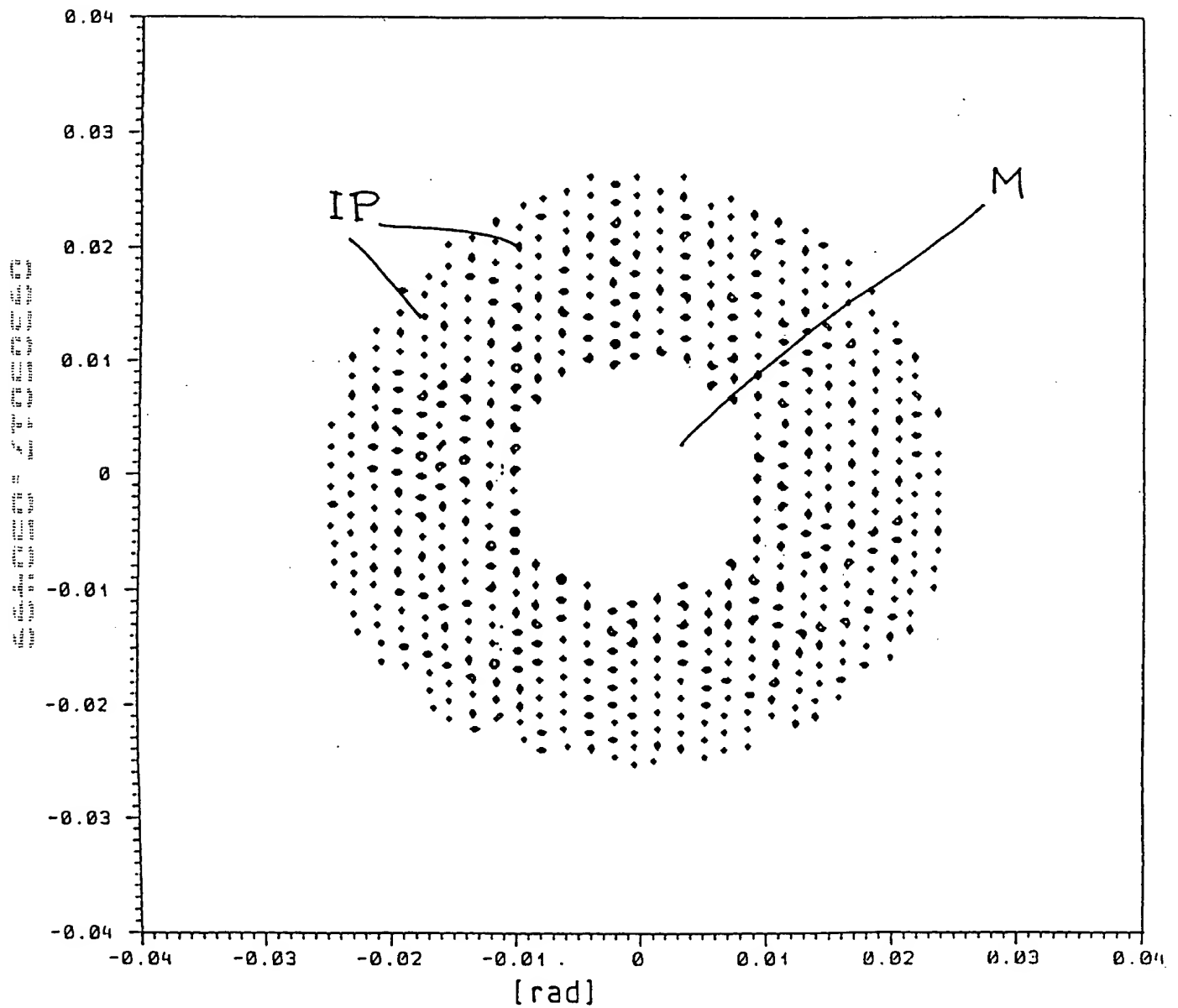


FIG. 48A

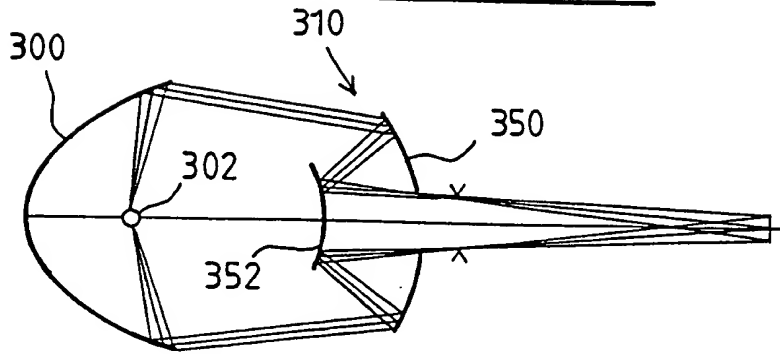


FIG. 48B

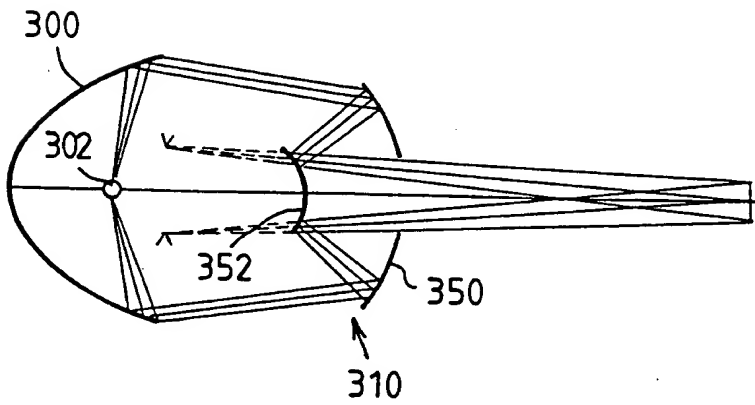
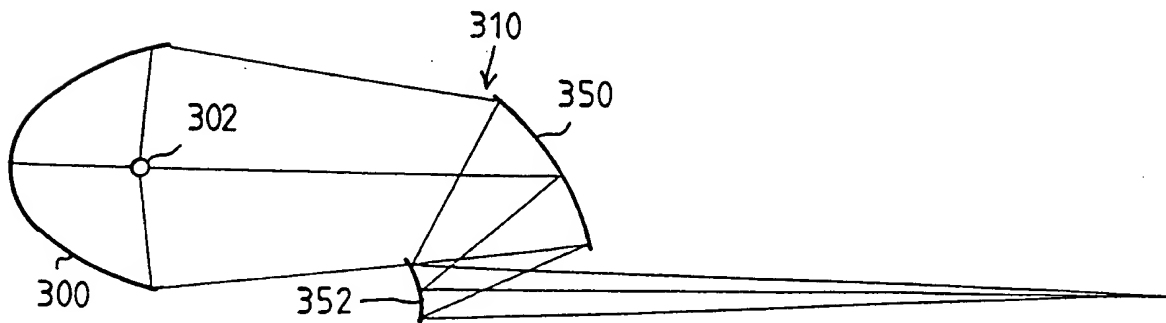


FIG. 48C



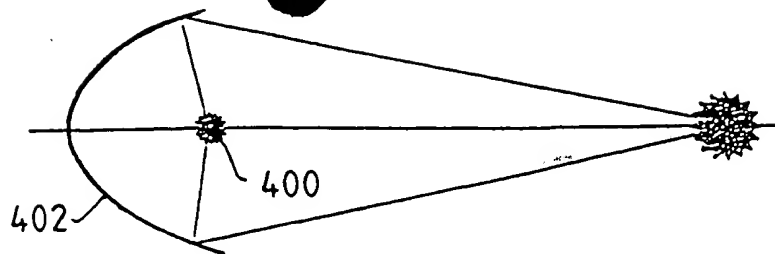


FIG. 49

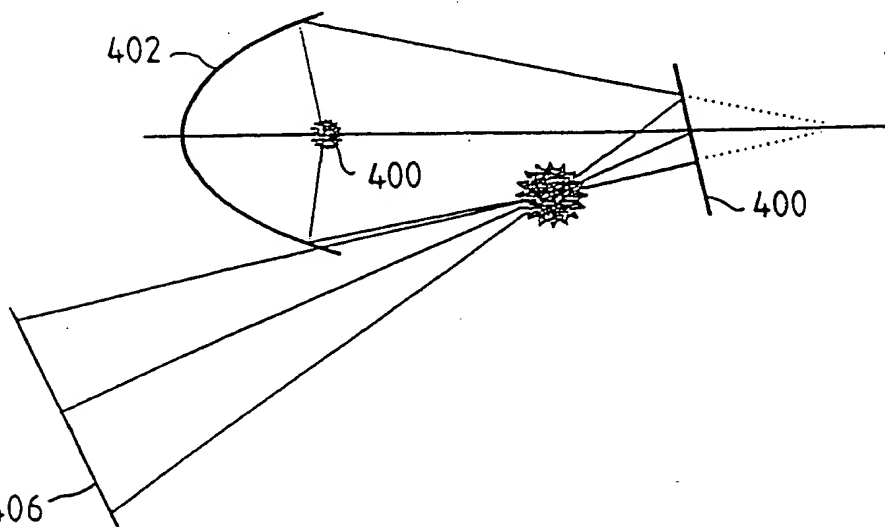


FIG. 50

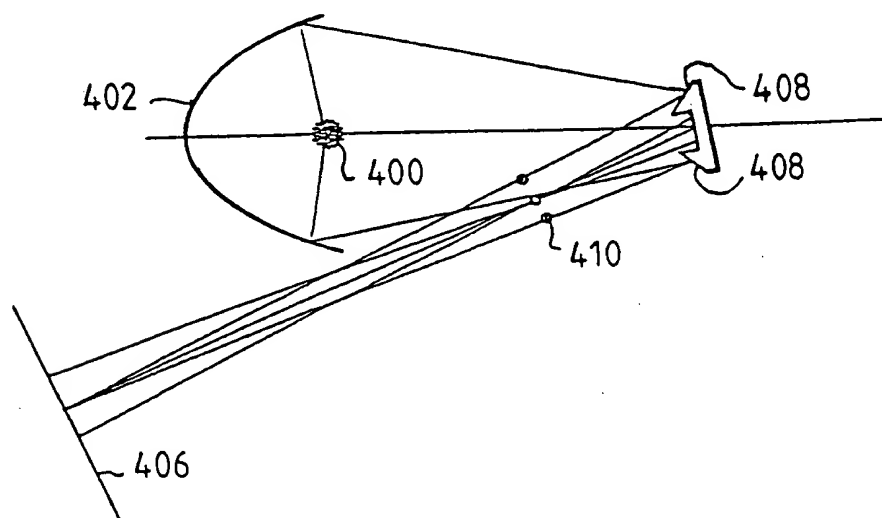


FIG. 51

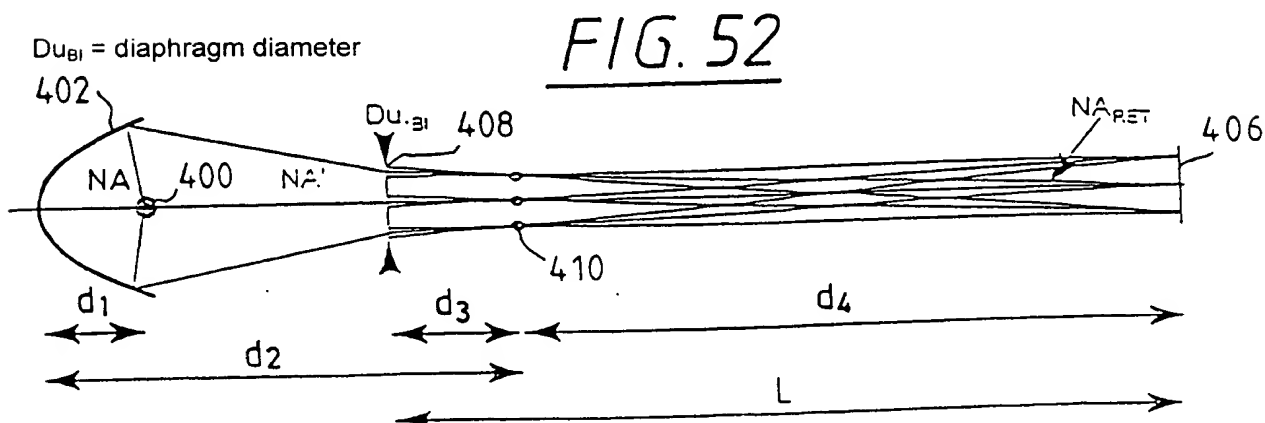


FIG. 53

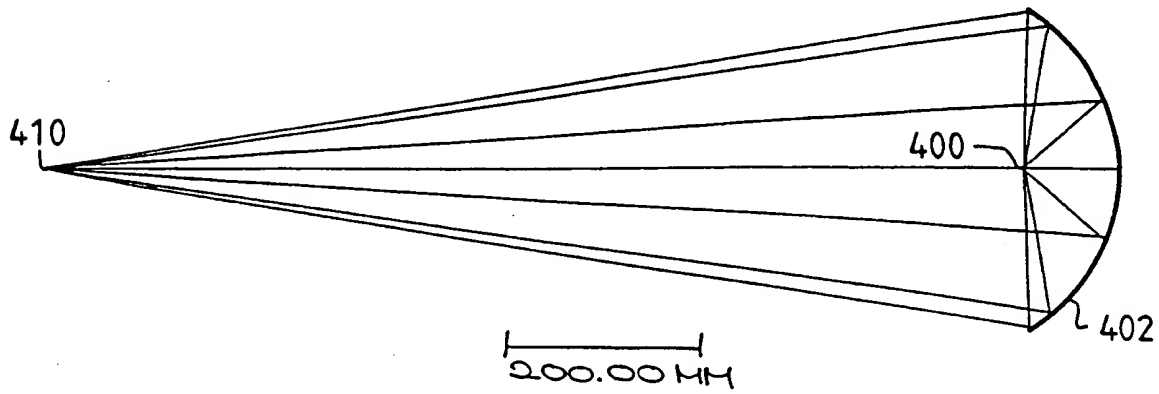


FIG. 54

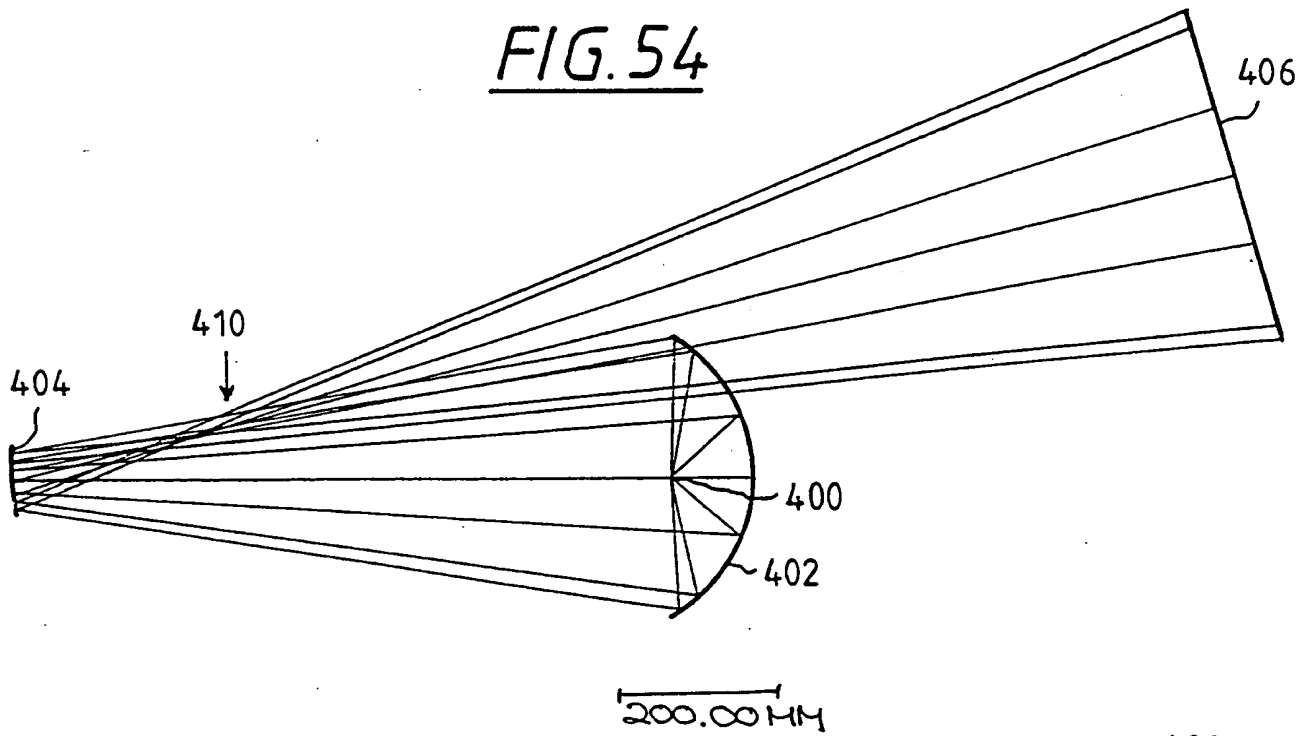


FIG. 55

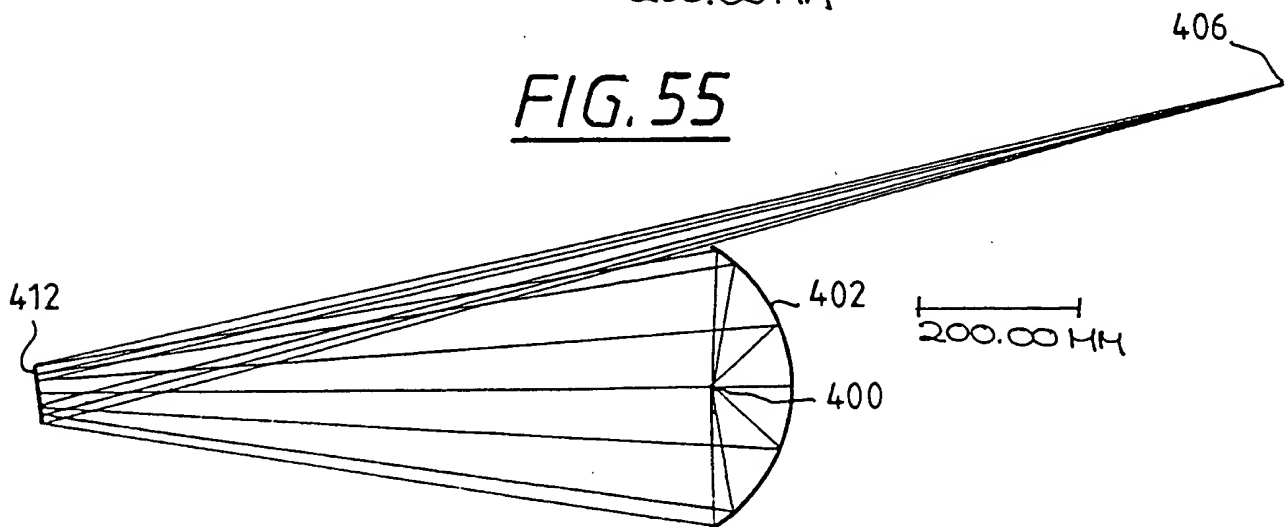


FIG. 56

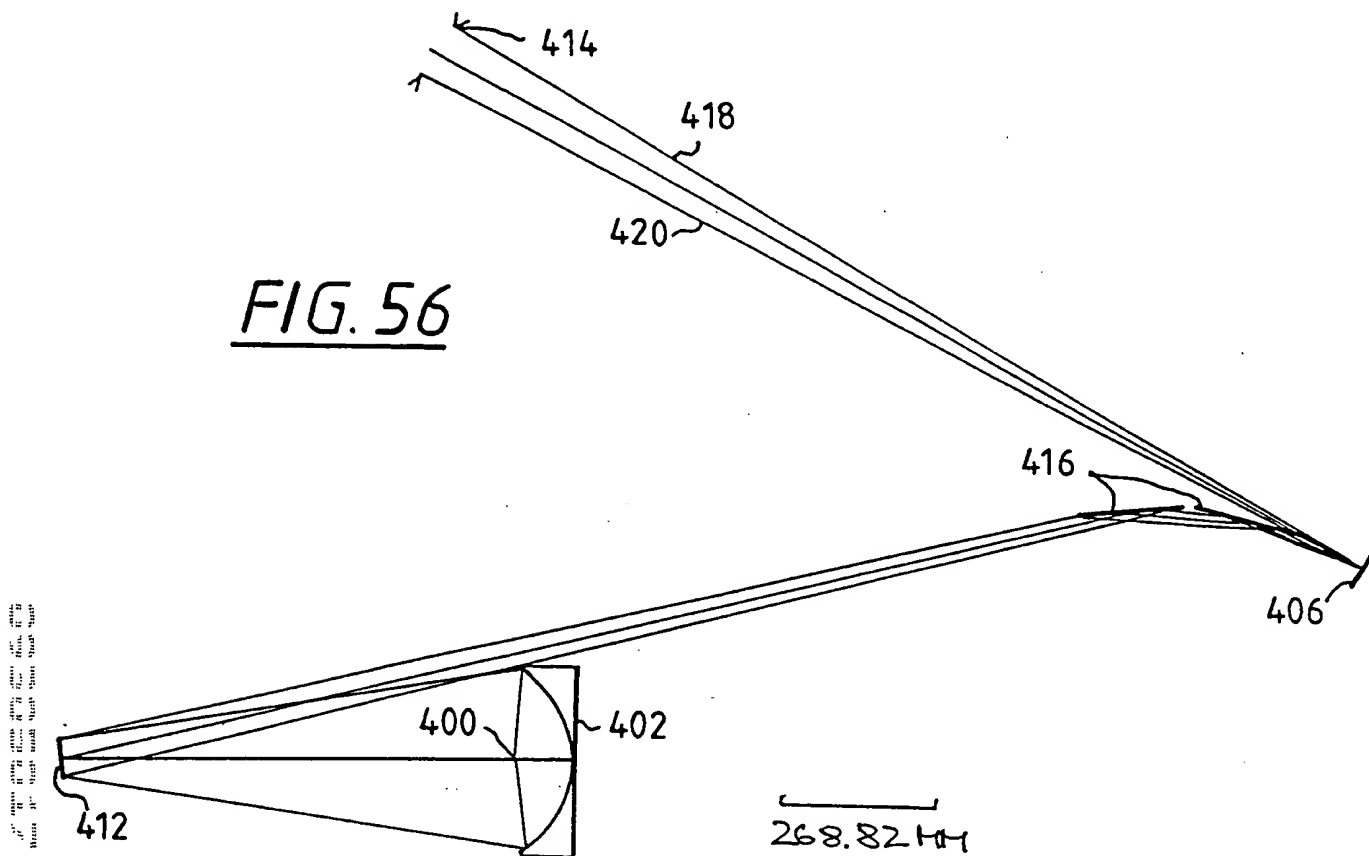


FIG. 56 is a perspective view of an optical system. Light rays originate from a point 412 on the left, pass through a lens 400, and converge at a point 406 on the right. A scale bar indicates a distance of 268.82 mm. Labels 414 and 418 point to the upper and lower rays, and 420 points to the central ray. A label 416 points to the focal region near 406. A label 402 points to the lens.

FIG. 57

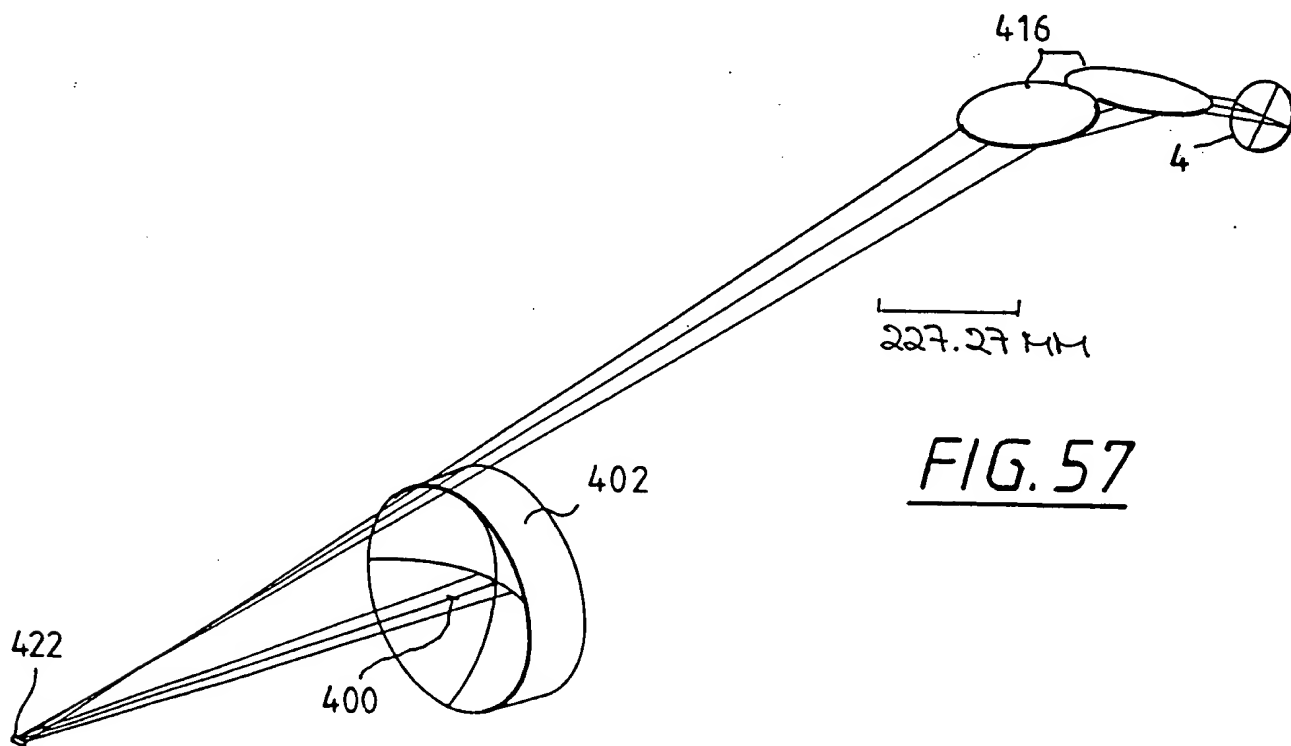


FIG. 58

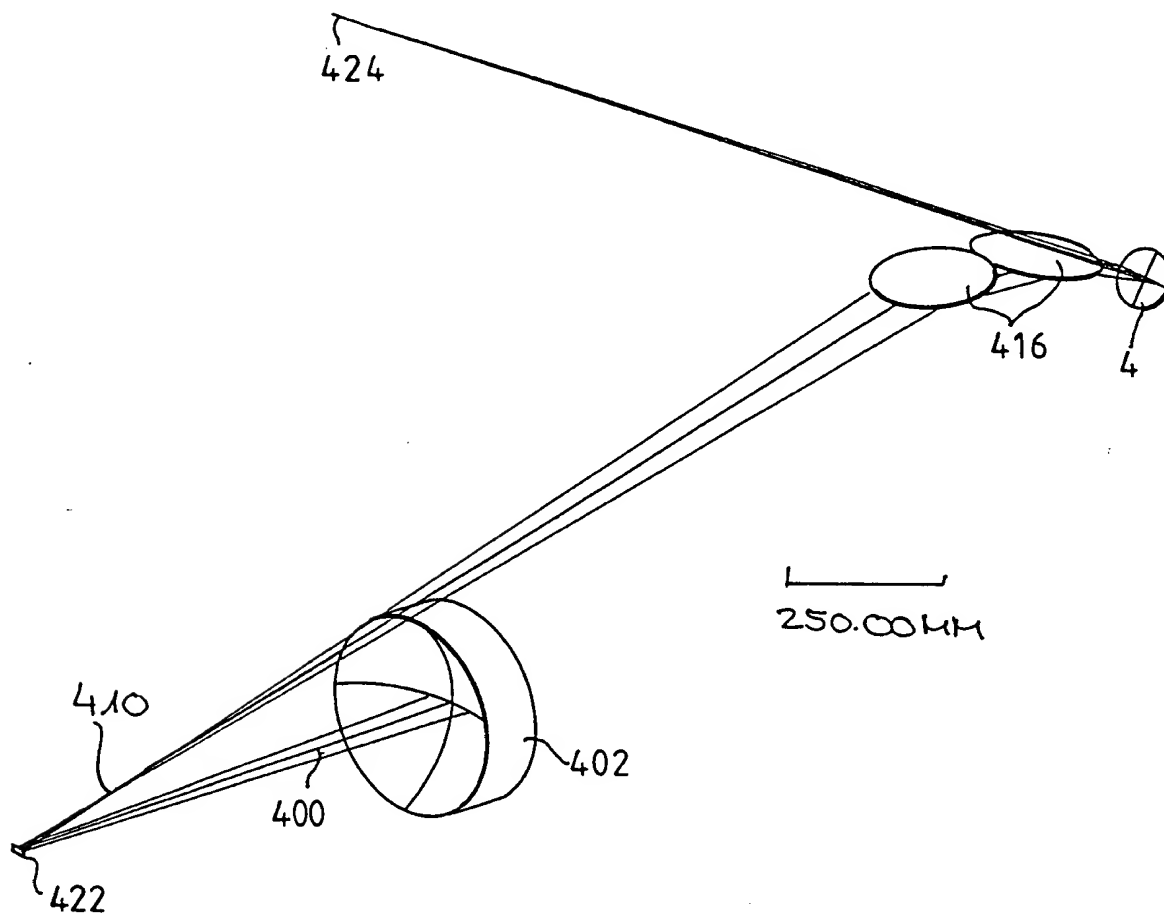
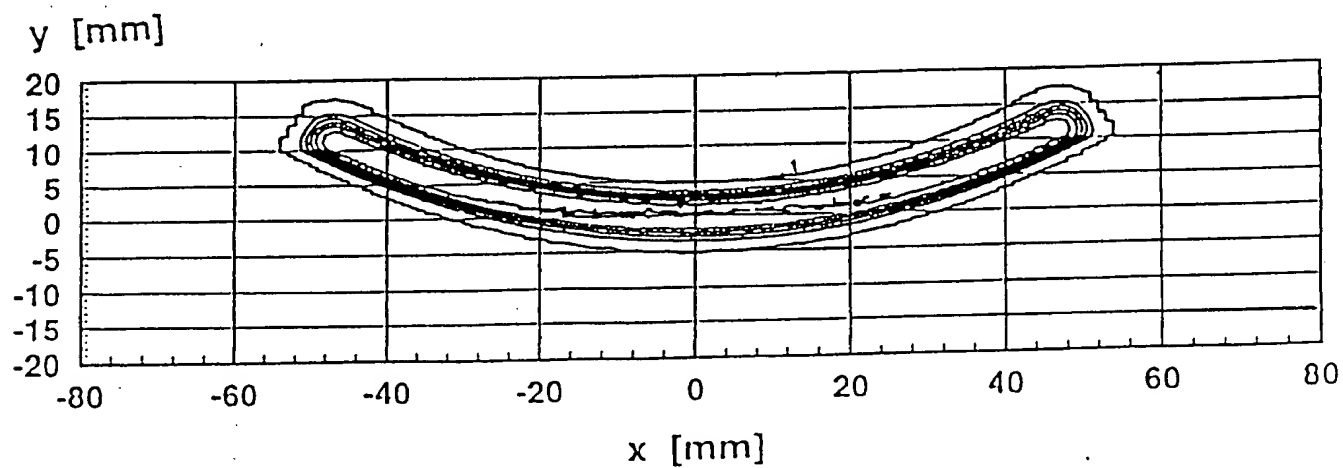


FIG. 59



y-axis: scan energy [%]
 x-axis: X in the reticule plane [mm]
 Scanenergie [%]

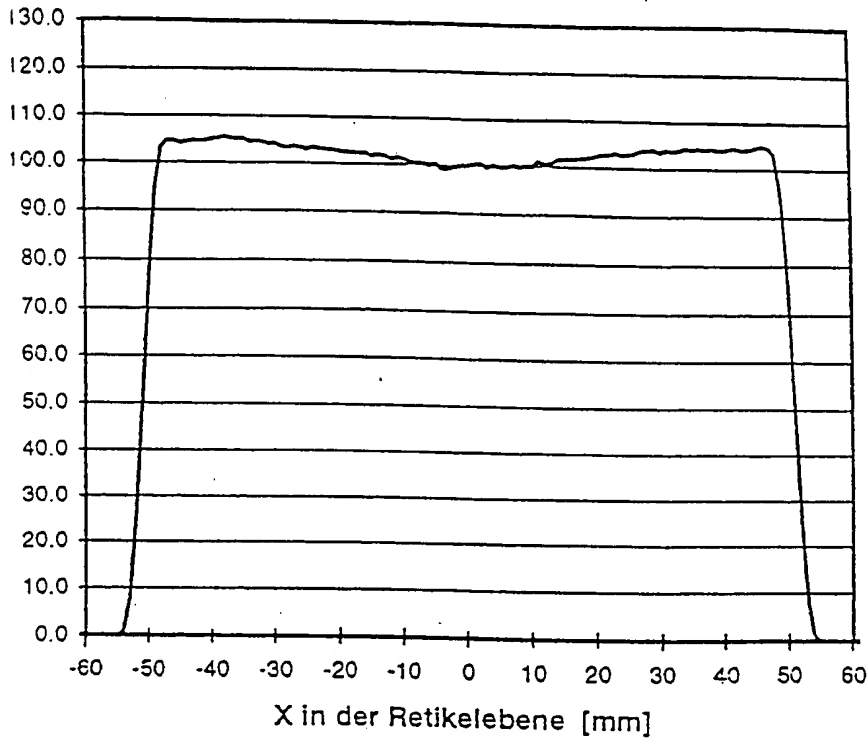


FIG. 60

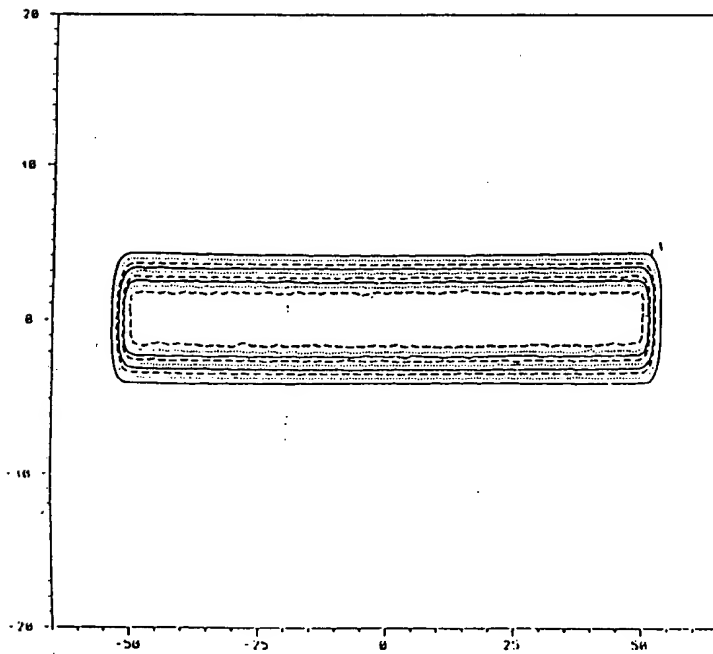


FIG. 61

FIG. 62

y-axis: intensity [%]
x-axis: Y in the reticule plane [mm]

— 50- μ m source
- - - 200- μ m source

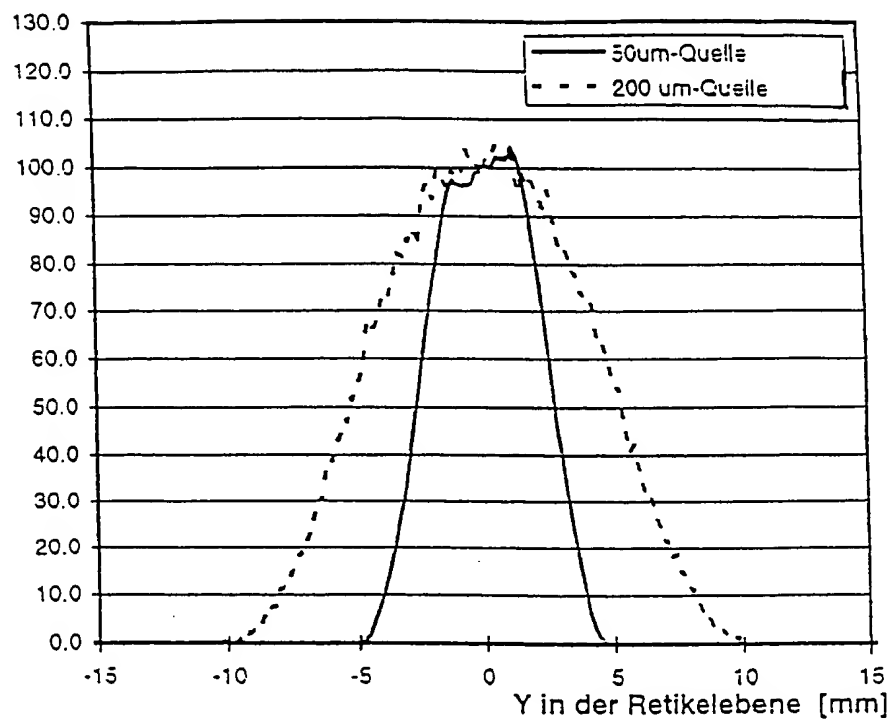


FIG. 62

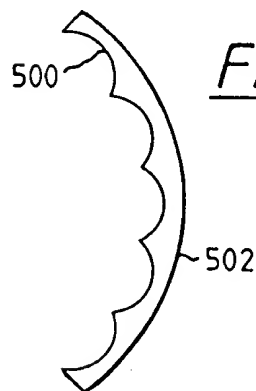


FIG. 63A

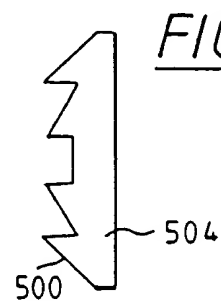


FIG. 63B

FIG. 64

